

*** PUBLISHER'S NOTES ***

MINNESOTA WINS 1987 WTFDA CONVENTION BID! IT'S NOW OFFICIAL! THE 1987 WTFDA CONVENTION WILL BE HOSTED BY NONE OTHER THAN FCC FM NEWS EDITOR DR. BRUCE ELVING. DR. ELVING'S OFFER TO HOST WTFDA CONVENTION '87 WAS UNOPPOSED. OUR THANKS TO BRUCE FOR VOLUNTEERING TO HOST NEXT SUMMER'S CLUB GETTOGETHER, AND TO THOSE OF YOU WHO EXPRESSED SUPPORT FOR HAVING IT THERE. THE SITE OF THE 1987 CLUB CONVENTION IS THE HOME OF THE FM ATLAS, IN THE DULUTH AREA. MORE INFORMATION WILL BE APPEARING ABOUT THIS IN UPCOMING ISSUES--AND, WE'RE HOPING TO SEE YOU ALL THERE NEXT AUGUST!

162 MHZ DXERS TAKE NOTE MANY VHF ENTHUSIASTS MAKE USE OF THE "WEATHERADIO" OUTLETS ACROSS THE NORTH AMERICAN CONTINENT IN THE 162.4 to 162.55 REGION IN THE U.S., AND ON A SLIGHTLY LOWER BAND IN CANADA. IN ADDITION TO HAVING GREAT DX POTENTIAL (AVID VHF DXERS HAVE EVEN HEARD THEM IN UNUSUALLY GOOD E-SKIP OPENINGS), THEIR REGIONAL WEATHER INFORMATION IS OF GREAT USE DURING TROPOSPHERIC DX SESSIONS, WHEN TEMPERATURE INVERSIONS BRING UHF AND VHF DX OVER THE HORIZON. TENNESSEE DXER MATT SITTEL KNOWS THEM WELL, AND WILL BE DOING A TRIAL COLUMN COVERING THE SUBJECT. THIS WILL BE APPEARING IN THE VUD IN THE NEAR FUTURE, AND YOU CAN GET IN TOUCH WITH HIM AT 220 BROOKFIELD, KINGSFORD, TN 37663-9777 IF YOU HAVE SUGGESTIONS OR INFORMATION ON DXING THESE VALUABLE DX BEACONS.

VHF-UHF DIGEST COLUMN EDITORS PLEASE NOTE! FROM LAYOUT ASSOCIATES COMES A REMINDER FOR YOU TO STAY WITHIN THE STANDARD DIMENSIONS YOU'VE BEEN GIVEN FOR YOUR COLUMNS--DON'T COMPROMISE THE QUALITY OF THE VUD! THE DIMENSIONS FOR YOUR FINISHED COPY ALLOW ROOM AT THE BOTTOM FOR PAGE NUMBERS TO BE ADDED. IF YOU'RE NOT SURE YOU'RE USING THE PROPER FORMAT FOR THE VHF-UHF DIGEST, DROP A LINE TO CLUB H.Q.--WE'LL MAKE SURE THAT YOU GET A COPY OF THESE SPECIFICATIONS. WE APPRECIATE YOUR FINE WORK--WTFDA RECEIVES COMPLIMENTS ABOUT THE LOOK OF OUR MONTHLY BOOKLET FROM INTERESTED AMATEURS AND PROFESSIONALS ALIKE JUST ABOUT EVERY MONTH, AND THAT "LOOK" IS ALMOST TOTALLY UP TO YOU.

FROM OUR OVERSEAS CORRESPONDENTS NEW ZEALAND DX LEAGUE MEMBER BRIAN J. WITHERS, PO BOX 871, HAMILTON, 2000, NEW ZEALAND, WANTS TO HEAR FROM ANY WTFDA MEMBERS WHO WOULD LIKE TO EXCHANGE GOOD QUALITY AUDIO CASSETTES OR REEL-TO-REEL TAPES OF LOCAL STATION ON BOTH THE FM AND THE AM BROADCAST BANDS. BRIAN REPORTS HAVING AN EXTENSIVE COLLECTION OF TAPES OF DIFFERENT STATIONS FROM SEVERAL CONTINENTS, AND IS ALSO AN AVID FM AND AM BAND DXER...IN JAPAN, THE FOREIGN STUDIES DEPARTMENT OF SUGIYAMA JOGAKUEN JUNIOR COLLEGE IS IN THE PROCESS OF COMPILING A VIDEOCASSETTE COLLECTION CALLED "TELEVISION OF THE WORLD" AND HAS BEEN TRYING FOR THE PAST YEAR TO OBTAIN UNEDITED SAMPLES OF TV FROM AS MANY COUNTRIES AS POSSIBLE. PERHAPS DUE TO THE FACT THAT MANY COUNTRIES CONSIDER THEIR TELEVISION TO BE FOR LOCAL CONSUMPTION ONLY, THEY'VE HAD NEGATIVE RESULTS FROM THE LOCAL EMBASSIES OF MOST OF THE COUNTRIES CONTACTED, SO IF ANY MEMBERS ARE WILLING TO PROVIDE THEM WITH VIDEO RECORDINGS THAT MIGHT BE OF USE, CONTACT WILLIAM PETRUSCHAK, ENGLISH LECTURER, SUGIYAMA JOGAKUEN JUNIOR COLLEGE, 17-3 HOSHIGAKAMOTOMACHI, CHIKUSA-KU, NAGOYA-SHI 464, JAPAN.

ANOTHER BIG ISSUE! THIS PAST SUMMER'S DX SEASON DEFINITELY RAN HOT AND COLD, WITH A FEW SUPER E-SKIP OPENINGS FOLLOWED BY LONG QUIET PERIODS, AND WITH A TROPO SEASON THAT SAW ABNORMALLY HEAVY AMOUNTS OF RAIN IN WIDE AREAS OF NORTH AMERICA, ALONG WITH LESS ATLANTIC HURRICANE ACTIVITY THAN USUAL (CAUSING FEWER CHANCES FOR LATE SUMMER TROPO DUCTING IN EASTERN AND CENTRAL NORTH AMERICA). NEVERTHELESS, WE HAVE ANOTHER BIG ISSUE FILLED WITH INTERESTING DX REPORTS AND MUCH STATION NEWS. ENJOY!

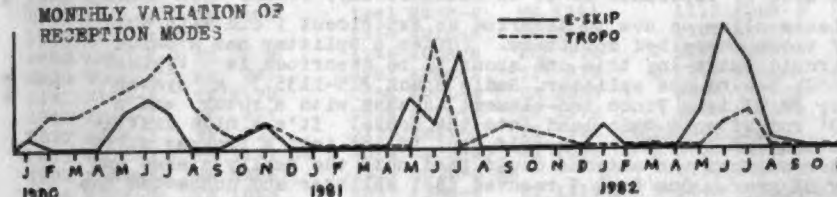


TECHNICAL TOPIX

Greetings to all. The Selectric-II is down, so this is being typed on a 1955 vintage, portable Remington. By now the 1986 DX season will be winding down for most (excepting myself, for whom it never wound up to begin with!), but never be a pessimist...a few good possibilities for DX occur during the cooler months of the year. For one, there is the possibility of Ma during the Geminids shower, which peaks around December 14th and lasts for about six days (check Dec. 7-15.). This is the second or third most intense shower of the year, with a typical VHR (Visual Hourly Rate, or approx. meteors seen per hour) of 50-60. The Ursids, a minor shower, peaks around Christmas Eve.

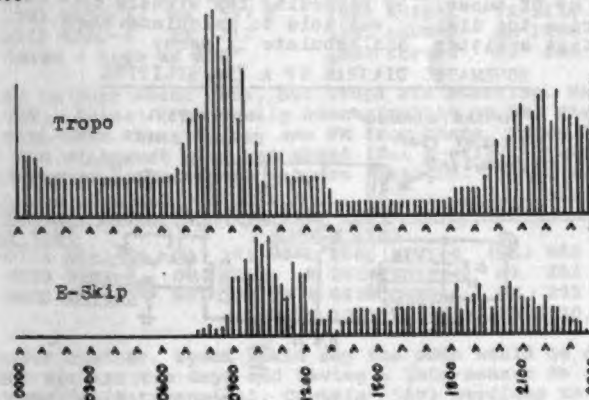
The possibilities of midwinter tropo and Es do exist, as has been verified by research into such matters over the years. A record of the day-to-day occurrence of long-distance VHF and UHF radio paths shows, besides the usual peaks in June and July for Es and September for Tr, a small peak in December and Jan.

MONTHLY VARIATION OF RECEPTION MODES



Tropo

E-Skip



DAILY VARIATION OF RECEPTION MODES

These graphs depict my personal observations about the time of day and year when DX conditions come up. The number of new FM stations (no re-logs) is plotted versus time. By plotting only new receptions, the random distribution of receiving sites is made clear. If ducts consistently opened up to the same areas according to some pattern, the number of new stations logged ought to decrease over time. Of course, this is not the case. These graphs extend over a period of three years during the peak of sunspot cycle #21. Over this time, the same location, antenna, and tuner was used, with no changes. The reasons why DX varies as it does will be discussed in detail in an upcoming series of Technical Topix articles in early 1987: "The Nature Of DX," all about propagation.

MORE ON COAX...

I hope the coax cable information in the Sep. Technical Topix was useful to all. This is the sort of info which is always handy to have around, and probably why it has appeared in the VUD several times prior. (See Antenna News columns in Dec '83 Jan '84, and Mar '84.) This time around, a complete summary with specs and the most-asked questions seemed in order....

I wanted to make a comment about where the figures in the chart came from. To obtain those numbers, I used published specs from Blonder-Tongue, General Instrument, Winegard, Radio Shack, and Belden. I took an average of all whenever possible. Then, this figure was averaged with specs listed in the ARRL Antenna Book, which were themselves averages of many different brands. The average of averages was used on the chart. No doubt many of you have noticed the wide variation of loss specs among different manufacturers! This in part arises from endless variations in quality of materials, workmanship, measurement techniques, material nonuniformities, advertising requirements, etc. Regardless of reliable specs, all of the general rules and points made in the article hold.

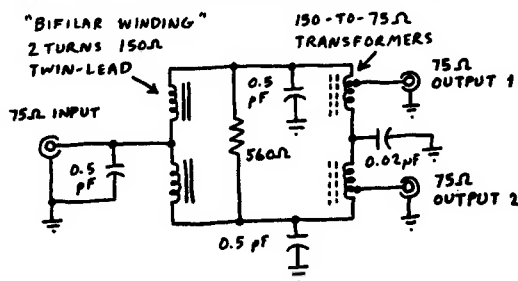
BALUNS...

Also mentioned in the Coax Information article last time was the "balun," a device used to convert 75 to 300 ohms and vice versa. For most purposes, and in ham radio circles, this use of the term is correct. However, if we are nitpickingly technical about it, those little dudes are more correctly referred to as "impedance transformers." A BALUN is a device which interfaces an unbalanced line to a balanced one, such as the feed point of an antenna to a coax cable. A transformer must be used if impedance is to be changed, say, from 300 to 75Ω.

Please allow me now to describe an experiment I did with one of those so-called splitters. (Often a splitter has a balun circuit built-in; this one about to be described is a typical 300Ω two-to-one splitter, Radio Shack #15-1135.) My system for FM DX is a Finco ten-element antenna with a rotor, and a 50' run of good twin-lead into the house. It's a nice installation, if I do say so myself, but it led into a two-way splitter so that the antenna could feed both the family stereo and my DX gear. One day, I removed that splitter and connected the antenna directly to my DX tuner. By recording the signals of several stations across the dial, I was able to calculate the loss introduced by that splitter, and tabulate it here:

FREQUENCY	LOSS
88.5 MHz	3.5 dB
91.1	2.1
91.9	6.0
92.3	2.9
93.1	11.0
93.5	1.6
96.1	5.1
97.1	1.8
98.1	2.4
99.7	0
101.1	1.8
102.7	1.3
104.5	1.5
105.9	1.7
107.9	0.6

SCHEMATIC DIAGRAM OF A 75Ω SPLITTER



One reasonably expects a splitter to introduce loss, but I at least expected this to be constant over a fairly narrow range of frequencies. Obviously, it wasn't. Still, I waste to say that the 11dB loss at 93.1 is probably attributable to the removal of a 20' length of cable from the splitter to stereo. It may have been just the right length to act as a sort of trap. Note also that 75Ω splitters for coax are much better behaved, and usually only introduce 1-2 dB of constant loss over the entire VHF-UHF range. Anyway, it was an interesting experiment, as the channels selected for comparison are strong locals with signals here of several hundred μV. If the splitter makes such a difference on locals, what effect did it have on weak, distant signals? Hmmmmmm...

REPRINT SERVICE...

If nothing really bad happens in the meantime, the WFPDA reprint service will be introduced next month in your VUD. This will appear as a complete technical index to all the technical articles printed since June, 1979, with simple instructions for ordering copies.

73, TIM MOVEY
Route 3, Box 568
Bolivar, TN 38008



UL approved

EASTERN TV-DX

John F. Combs
2969 Harschel #7
Jacksonville, FL 32205
Ready or not, here it comes.



NOVEMBER 1986

Translated from the Arabic by Hassan el-Hazzaboubo

This column includes some of the "last gasp" of the summer E-skip season. While we await the December/January "mini-season," the changing weather patterns of fall should bring some good tropo. Let's hope that August 14th was a sign of good things to come! On that day, Bob Seybold experienced a widespread opening that brought signals from Mississippi to Nebraska--some over 900 miles distant!

Matt Sittel, 220 Brookfield Dr., Kingsport TN 37663

(EDT)

AUGUST 1986	AUGUST 1986	AUGUST 1986	SEPTEMBER 1986
21 E 1944 XHY-3 YU 1358	28 E 1915 UNID-5/6	30 E 1038 KFDX-3 TX 936	
1947 UNID-2/4	1612 Cuba-2/3/4	1058 KIDY-6 TX 1170	
22 E 1838 KBTX-3 TX 911	1940 KIII-3 TX 1055	1058 KBTX-3 TX 911	
1839 KMOL-4 TX 1053	1942 KGBT-4 TX 1166	1228 KLNE-3 NE 958	
1841 UNID-3 SS	1946 KRIS-6 TX 1055	1300 KUSD-2 SD 878	
1958 KMID-2 ? TX T	1948 KCEW-6 TX 932	T 1300 WSMV-4 TN 246	
24 T 0930 WUNC-4 NC 203	1951 KPRC-2 TX 878	E 1328 KDLO-3 SD 990	
28 E 1741 KACB-3 TX 1170	1956 KMOL-4 TX 1055	1359 KGFE-2 ND 1089	
1742 KDFW-4 TX 864	2028 KMID-2 TX 1174	1359 KXJB-4 ND 1076	
1821 KFDX-3 TX 936	2135 KBTX-3 TX 911		
1823 KMID-2 TX 1174	30 E 1014 KACB-3 TX 1170	6 E 1715 KSNW-3 KS 819	
1824 KENW-3 NM 1206	1022 UNID-4 SS	1730 KSNW-3 KS 903	
1836 KIII-3 TX 1055	1027 KAMR-4 TX 1116	13 T 0748 WRBL-3 GA 313	
1900 WLB-3 MS 527	1028 KMID-2 TX 1174	0836 WTVH-9 GA 313	
1912 KJAC-4 TX 812	1031 KENW-3 NM 1206	14 T 0012 WKR-2 TN 246	
"same 4 logo as KOB"	1037 KDFW-4 TX 864	0013 WSMV-4 TN 246	

"E-skip is just about gone, but tropo are starting. Haven't seen any UHF tropo, only VHF...[also] I am really concentrating on FM. Nice to see new VHF tropo with WRBL/WTVH. Caught only one FM from there. Maybe I'll see 500 miles this fall. End of August sure was great [for E-skip]. 3 days straight...of FM, too. KENW-3 was in for a record 6 hours straight."

Dave Nieman, Akron NY 14001-9529

(EDT)

AUGUST 1986	AUGUST 1986	SEPTEMBER 1986
25 T 0726 WTAJ-10 PA 171	28 E 1800 WTVY-4 (FL) 898	1 T 0900 CBCE-16 ON 268
0730 WTOV-9 OH 215	T 2030 WDIV-4 MI 252	0938 CHI 26/32/38 477
0800 WDTV-5 WV 294	29 T 0830 CHNR-4 ON 233	10 T 0730 CROFT-9 (PQ) 218
	E 1329 WVL-4 LA 1110	0800 C----49 PQ 777

"I wonder what Mr. Spock would say the odds would be of having your local ch. 4 off the air for two days and having a late-season Es opening reach that channel both days??? (Astronomical, Captain---jfc) Needless to say I kept an eye on ch. 4 late into the night [of the 28th] and was up early the next morning. One strange slide I saw several times on meteor scatter had only 'Cable 7' on it. (Interesting the way a few stations play up their cable channel more than their on-air channel, but it's usually UHFs that do this---jfc) The channel 49 seen Sept. 10 must be in the Ottawa-Hull area as it was first noticed during a tropo build-up to there. At 0900 it was still running 3/4 color bars and no tone when it faded out. Later that evening it was seen very weak with French programming. From what I could see and hear it was not running parallel to 30 or 40 Ottawa-Hull or 25 Toronto." (There is a Ch. 49 allocated to Ottawa-Hull, zero offset---jfc)

MYSTERY MAIL: A mysterious envelope graced my mailbox the other day. It bore no return address, only a Hicksville NY postmark (Hicksville is the HQ of PopComm). Inside was a single page torn from the August 1986 QST which contained the 1st page of the "World Above 50 MHz" column. There were no accompanying notes or explanations, only the name "M. Stutterheim" written at the bottom of the page. There was nothing of particular interest to a TV-DX editor in this column, except, perhaps, some reports of 2-meter E-skip back in May. If you are the mysterious Mr. Stutterheim, please come forward!



QSL CORNER



THOMAS J. YINGLING, JR.
221 PINWOOD ROAD
BALTIMORE, MD 21222-2345

TV QSL's

FL VDBN 20 Fort Myers. 3719 Central Ave., zip 33901. Letter from Howard L. Hoffman, VP & GM in 5 days. (Van Horn)

FL WCJB 20 Gainesville. P. O. Box WCJB, zip 32602. Letter plus logo sticker from Michael Sherrill, CE in 18 days. (Van Horn)

FL WFTS 28 Tampa. Prepared card & sticker in 17 days, signer was chief engineer but is unreadable, & no address was given. (Van Horn)

NC WHNS 21 Asheville. X Interstate Court at Pelham Road, Greenville, SC 29607. Letter, info sheets & coverage-map from Robert G. Truscott, CE in 20 days. (Lavender)

SC WBTB 13 Florence. 3430 TV Road, zip 29501. Letter from Bernard E. Moore, CE with a ton of stuff: 2 pencils, 2 key chains, decals, name-tag stickers, & nicest of all was a actual color slide of their Eyewitness Sports logo as described to them in my report; all this in only 12 days (yet he apologized for the delay, hi). (Combs)

ND KUSO 2 Vermillion. New Armony Building, zip 57069. They send a xerox of my report on which they wrote the calls, location, date & time of reception, but nothing else, and stamped it with an address stamp. No signature. Not even sure you could call this a qsl! Back in 9 days. (Combs)

TX KPRC 2 Houston. P. O. Box 2222, zip 77252. Letter & attractive card from Jeffery H. Lee, Exec. VP & GM in 12 days. Also send pen, bumper sticker & decal. (Combs)

TX KHID 2 Midland. P. O. Drawer "B", zip 79711. Letter from Dale C. Gorsuch, CE in 6 days, with bumper sticker & mug. (Combs)

IN WIVO 2 Terre Haute. P. O. Box 299, zip 47808. Letter & picture post card from Arden L. Ramsey, CE W9JCU in 10 days. (Combs)

NE KLINE 3 Lexington. P. O. Box 83111, zip 68501-3111. Letter &

coverage-map in 9 days from William R. Ramsay, Dir. of Eng. & Tech. Services. (Sittel)

TX KRIS 6 Corpus Christi. P. O. Box 840, zip 78403. Letter in 9 days from Marvin Born, CE. (Sittel)

CO KTVS 3 Sterling. P. O. Box 868, zip 80751. Letter & a copy of Northern Colorado TV Guide from Gary Moser, Station Manager in 5 days. He says "We were a little surprised that you could receive our signal even on a CH system (? ed.) ...our program dept. has had problems covering a KTCU-5 id. The reason it appears is that KTVS is an S-2 satellite, & our switchers make errors...our network affiliation is now CBS/NBC, with primarily CBS...we have many changes in the works, including a new ownership, better equipment & local news. (Sittel)

NC WRAL 5 Raleigh. 2619 Western Blvd., Box 12000, zip 27605. Letter & business card from Wilbur Brann, CE in 1 month. (Ross)

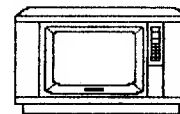
SA CKBI 5 Prince Albert. 22-10th St. W., zip S6V 3A5. Letter in 1 month from P. Allen Watson, CE. (Ross)

DC WUSA 9 Washington. 4001 Brandywine St. N.W., zip 20016. Letter & coverage-map from Richard A. Wolfe, Mgr. Eng. Ops. in 1 week after follow-up report. He explains the call letter change from WDVH-TV is because Gannett owns both stations here & in Minnesota along with six other. The Minnesota station is now KARE-TV. (Yingling)

NY WBNG 12 Binghamton. 50 Front St., P. O. Box 1200, zip 13902. Letter from Ruth A. Epps, Marketing & Sales Coordinator. reply in 1 week. (Yingling)

Reporter this time: Larry Van Horn, Glenn Lavender, John Combs (new reporter-thanks), Matt Sittel (another new reporter-thanks too!), Robert Ross, & Tom Yingling, editor. Keep on sending in those qsl reports & tv id logos you see.

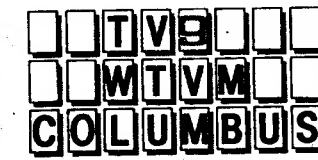
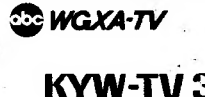
73'S Tom



LOGO'S RUN

THOMAS J. YINGLING, JR.
221 PINWOOD ROAD
BALTIMORE, MD
21222-2345

Welcome to another issue of Logo's Run. This month I will begin with logos from Bill Fahber & John Combs gave me in past issues of TV Guide.



ACTION NEWS 15

WPDE-TV

FLORENCE-MYRTLE BEACH

Not so long ago, in a galaxy not so far away...

Join the Doctor and all his friends as he travels through time and space.

DOCTOR WHO

Coming Soon! **WSKG-TV 46**

39 WDLZ

MIAMI-FT. LAUDERDALE

It's Your Station

WHNS-TV 21

WOLO 25

WJHL-TV 11

"Tri-Cities 1st Station"

28 WBRE-TV

13 WLOS

27 WHTM-TV

30 WAWS-TV

WVGC-TV

WETO-TV 39

"East Tennessee's Own"

33

WGYB-TV 5

The News Station

WKPT-TV 19

Local 19

Florida's Super Station, **WBFS-TV!**

Here is the list of tv logo's seen this month. The list runs from top of page 1 going back & forth the page to page 2. The id logo's range from NY, PA, NC, SC, GA, TN & FL. To do this column, I first cut out the logo from TV Guide. Then I xerox copy it on plain white paper at work. And then cut out the logo & use rubber cement to my computer paper. This way I still have the original copy for future use. So you can see that this column is really cut & pasted. And now on to the list.

WAGT-26 Augusta, GA / WGNX-46 Atlanta, GA / WTWC-40 Tallahassee, FL / WRBL-3 Columbus, GA / WALB-10 Albany, GA / WWSB-33 Miami, FL / WBSP-51 Ocala, FL / WNFT-47 Jacksonville, FL / WHP-21 Harrisburg, PA / WGAL-8 Lancaster, PA / WITF-33 Harrisburg, PA / WATL-36 Atlanta, GA / WTAF-29 Philadelphia, PA / WAGA-5 Atlanta, GA / WXIA-11 Atlanta, GA / WDCB-6 Miami, FL / WFTV-9 Orlando, FL / WEXA-24 Macon, GA / WMOB-43 Melbourne, FL / WTVX-34 Ft. Pierce, FL / WPVI-6 & KYW-3 Philadelphia, PA / WMT-41 Macon, GA / WTLV-12 Jacksonville, FL / WSB-2 Atlanta, GA / WSAV-3 Savannah, GA / WCSC-5 Charleston, SC / WSPA-7 Spartanburg, SC / WTVH-9 Columbus, GA / WWSB-51 Ocala, FL again! / WIS-10 Columbia, SC / WPTV-5 West Palm Beach & WSVN-7 Miami, FL / WRD-12 Augusta, GA / WOFL-35 Orlando, FL // page 2 // WPDE-15 Florence, SC / WSKG-46 Binghamton, NY / WDLZ-39 Miami, FL / WHNS-21 Asheville, NC / WOLO-25 Columbia, SC / WBRE-28 Williamsport, PA / WJHL-11 Johnson City, TN / WFLX-29 West Palm Beach, FL / WHTN-27 Harrisburg, PA / WAMS-30 Jacksonville, FL / WMSG-34 Binghamton, NY / WETO-39 Greenville, TN / WCYB-5 Bristol, TN / WKPT-19 Kingsport, TN / WWSB-33 Miami, FL again!

Since this is my second issue of Logo's Run I'm looking forward to getting some mail from the membership. I already got some in the mail from Bill Thompson that he got from Paul Gains & Richard Eddie. I have some more old TV Guides from Steve West, so it looks like my second column is off to a good start. I was surprised how well it came out in last month's VUD. So keep on sending in logo's & qsl reports too. 73's



VHF UTILITY DX



DONALD L. BLEVINS
3615 EAST LOMBARD STREET, BALTIMORE, MD 21222-2408
PHONE # 301-522-2089

VHF Utility DX this month will continue the series on utility frequencies. You may have noted a few abbreviations and so forth with is a list of the abbreviations necessary to compact the information in the space allocated. Tom Yingling's loggings are also included, as this is a DX column.

Abbreviation	Abbreviation for
Elec	Electric
Co-op	Co-operative
Dist	District
Cou	County
REMC	Rural Electric Membership Corporation
Pub Serv	Public Service
Auth	Authority

Tom Yingling, Jr 221 Pinewood Road Baltimore, MD 21222
Regency MX 7000 1/4 wave groundplane

REPORTS:

06-22 2230 KRT-827	037.24	Huntsville, AR	Madison County Sheriff
06-22 2258 KKM-826	037.10	Berryville, AR	Carroll County Sheriff
06-25 2308 KKD-232	037.24	Harrison City, AR	Harrison City Police
06-25 2310 KAG-731	039.58	Nehama, KS	Nemaha Volunteer Fire
06-27 1044 KEM-431	037.24	Toms River, NJ	Ocean County Sheriff
07-07 1917 WGM-259	046.42	Reedsburg, WI	Reedsburg Rural Fire
07-08 1438	495.8125	Baltimore, MD	Comcast Cable TV
07-09 1924 KGB-667	045.22	Hattiesburg, MS	Forrest County Sheriff
07-09 1954	045.22	Collins, MS	Covington County Sheriff
07-09 2000 KKB-846	045.22	Lucedale, MS	George County Sheriff
07-09 2012 KLI-242	045.22	Pervis, MS	Lamar County Sheriff
07-09 2024 KEP-705	045.22	Raleigh, MS	Smith County Sheriff
07-09 2055 KSV-391	045.22	Centreville, MS	Liberty County Sheriff
07-13 0946 KBK-963	037.24	Lake Village, AR	Chiot County Sheriff
07-13 0950 KDV-432	037.24	McGehee, AR	McGehee Police
07-13 0951 KRA-543	037.24	Searcy, AR	White County Sheriff
07-13 0951 KZZ-331	037.24	Nashville, AR	Nashville Police
07-13 0953 KSL-425	037.24	Arkadelphia, AR	Clark County Sheriff
07-13 1000 WXP-643	037.18	Buffalo, TX	Buffalo Ambulance Crew
07-14 1830 KCY-212	045.32	Richlands, VA	Richlands Fire
07-14 2235 KAB-248	039.58	Ottawa, KS	Franklin County Sheriff
07-20 2100 KAA-958	042.06	Rolla, MO	Missouri Highway Patrol

← 37.52 →		Eastern Shore Gas Co	
WSU-428	Pea Ridge Water Department	KEA-259	Ocean City MD
	Pea Ridge	KEA-261	Snow Hill MD
	Lincoln Avenue Water Co	KAB-809	Dairyland Power Co-op MN
KEJ-449	Altadere	KAJ-416	Harmony MN
	Venice Gardens Utility	KAA-825	Rochester MN
KJW-581	Venice		Twin Lakes MN
	Georgia Power Company	KLA-908	Ohmaha Public Power Dist
KUD-876	Columbus		Elkhorn NE
	Northern Indiana Pub Serv		City of Ohmaha
KSA-228	Crown Point	KTJ-688	Julian NE
KUD-835	Michigan City	KTJ-689	Kenard NE
	Hardin Cou Water Dist #2	KAA-468	Ohmaha NE
WBX-510	Elizabethtown	KUL-400	North Jersey Dist Wat Comm NJ
			Wanuke

WXA-852	Plains Elec Gen & Trans Co	NM	KIC-329	Cumberland Elec Mem Corp	TN
KKM-754	Caballo		KIB-330	Ashland City	TN
	Sandia Mountain		KIC-987	Clarksville	TN
KNBA-623	Carroll Elec Co Coop	MO	KIC-331	Dover	TN
	Carrollton			Gallatin	TN
KQA-515	Frontier Power Co	OH	KIA-262	Tennessee Valley Elec Corp	TN
KQA-706	Coshocton	OH		Savannah	
	Gallipolis		KIB-332	Cumberland Elec Mem Corp	TN
KQG-399	South Central Power Co	OH		Springfield	TN
	Idaho			Tennessee Valley Elec Corp	TN
WZU-836	Washington Elec Coop	OH	KIA-262	Waynesboro	TN
KQA-415	Lowell	OH		Texas Power & Light	
	Marietta		KGM-662	Bedford	TX
KQA-467	Holmes Wayne Elec Coop	OH	KKD-464	Brownwood	TX
	Millersburg		KWX-258	Buffalo	TX
KQA-607	Marrow Elec Coop	OH	KKD-471	Cameron	TX
	Mount Gilead		KKC-980	Corsicana	TX
KQB-738	Paulding Putnam Elec Coop	OH	KGQ-675	Dallas	TX
	Paulding		KKD-405	Dallas	TX
KQC-437	Belmont Elec Coop	OH	WRD-924	Dallas	TX
	Saint Claisville		KKE-669	Desoto	TX
KQA-466	Holmes Wayne Elec Coop	OH	KDH-524	Duncanville	TX
	Salem			Surfside Waterworks Inc	
KQA-395	Licking Rural Elec Inc	OH	KTD-690	Freeport	TX
	Utica			Texas Power & Light	
WZU-835	Washington Elec Coop	OH	KKH-345	Garland	TX
	Whipple		KKD-248	Hillsboro	TX
KKM-720	Grand River Dam Auth	OK	KXU-590	Irving	TX
KKC-471	Cushing	OK	KKC-273	Irving	TX
KKC-472	Langley	OK	KKD-457	Jewett	TX
KKI-579	Locust Grove	OK	KKD-458	Lufkin	TX
WSP-757	Pryor	OK	KKM-580	Lufkin	TX
KRU-225	Pryor	OK	KKD-468	Nacodoches	TX
KFN-205	Salina	OK	KKD-477	Palestine	TX
	Salina		KNBI-214	Palestine	TX
KBK-530	Metropolitan Edison	PA	KDN-317	Plano	TX
KGD-654	Boyertown	PA	KKQ-876	Richardson	TX
KGA-604	Cumberland County	PA	KCD-634	Round Rock	TX
KGD-678	Easton	PA	KKF-827	Taylor	TX
KGD-354	Gettysburg	PA			
KGD-353	Glen Rock	PA	KKD-455	Temple	TX
KBK-393	Hanover	PA	WRB-689	Temple	TX
KGB-384	Krumsville	PA	KNBI-216	The Colony	TX
KDQ-539	Lebanon	PA	KKB-890	Tyler	TX
KVV-583	Middletown	PA	KKD-459	Waco	TX
KGG-625	Middletown	PA		Wahkiakum Cou Pub Util	WA
KGA-605	Portland	PA	KQK-373	Cathlamet	WA
KGG-626	Reading	PA	KQA-647	Grays River	WA
KGA-312	Reading	PA		Wisconsin Elec Power Co	WI
KFP-620	Stroudsburg	PA	KDR-26	Auburn	WI
KGB-385	Topton	PA	WZH-805	Milwaukee	WI
KFP-621	York	PA	KTA-281	Port Washington	WI
KGB-385	York Haven	PA	KDR-26	Waterloo	WI
	Zions View	PA	KDR-26	Watertown	WI
			KDR-26	West Bend	WI

37.54

KCK-837	Mitchell County REMC	GA	KKC-701	Reserve	LA
KID-632	Albany	GA	KKC-703	Sorrento	LA
KIA-684	Camilla	GA		New Bedford Light	
KEP-227	Carrollton	GA	KCA-862	Barnstable	MA
KIA-622	Hepzibah	GA	KBW-284	Bourne	MA
KIE-382	Louisville	GA	KJW-965	Hyannis	MA
	Sylvester	GA	KCA-365	New Bedford	MA
KAF-680	Iowa Elec Pow & Light	IA	KCA-429	Plymouth	MA
KGJ-822	Armstrong	IA	KCA-270	Wareham	MA
KAB-911	Belle Plain	IA		Bangor Hydro Elec Co	
KAF-682	Boone	IA	KCC-405	Bangor	ME
KAB-909	Britt	IA	KCA-380	Chamberlain Lake	ME
WZB-222	Cedar Rapids	IA	KCA-305	Eddington	ME
KGJ-823	Cedar Rapids	IA	KCA-346	Hancock	ME
KAH-826	Dundee	IA	KCA-323	Lincoln	ME
KAA-703	Fairfield	IA	KCA-390	Machias	ME
KAF-681	Guthrie Center	IA	KCA-311	Milford	ME
KAL-356	Iowa Falls	IA	KCK-381	Twp 6 Range 10	ME
KDU-848	Jefferson	IA	KCA-344	Twp 6 Range 8	ME
KAD-488	Lone Tree	IA	KCA-310	Veazie	ME
KAB-910	Maquoketa	IA		Tri-County Elec Co-op	
KBX-231	Marshalltown	IA	KQE-752	Blanchard	MI
KAL-357	Nevada	IA	KAS-226	Burnips	MI
KAI-540	Perry	IA	KQE-876	Near Hart	MI
KAF-683	Peterson	IA	KQA-921	Newago	MI
KBX-230	Rolfe	IA	KQB-213	Portland	MI
KAH-473	Sibley	IA		Wolverine Elec Co-op	
KAN-361	Spirit Lake	IA	KDL-466	Scottville	MI
KAL-353	Toledo	IA		Western Michigan Elec Coop	
	Williamsburg		KQK-636	Scottville	MI
KSA-311	Harrison County REMC	IN		North Itasca Elec Coop	
	Corydon		KNCC-228	Big Fork	MN
WQC-889	Orange County REMC	IN	KNCC-228	Northome	MN
	Orleans			Missouri Pub Ser Co	
KSA-399	Southeastern Indiana REMC	IN	KAJ-495	Brookfield	MO
	Osgood		KAJ-579	Chillicothe	MO
KSC-596	Parke County REMC	IN	KAB-633	Clinton	MO
	Rockville		KQZ-356	Grandview	MO
KSC-477	Sullivan County REMC	IN	KAB-632	Lees Summit	MO
	Sullivan		KAA-741	Lexington	MO
KIA-297	Cumberland Valley REC	KY	KAJ-741	Marshall	MO
KIA-297	Cumberland	KY	KAA-321	Nevada	MO
KNBH-652	Gray	KY	KAA-742	Platte City	MO
	Gray		KAF-233	Pleasant Hill	MO
KKA-323	Louisiana Power & Light	LA	KAB-405	Raytown	MO
KKC-712	Amite	LA	KAA-743	Richmond	MO
KFJ-746	Bogalusa	LA	KAK-425	Ridgeway	MO
KKA-656	Bogalusa	LA	KAA-446	Sedalia	MO
KKE-987	Independence	LA	KAA-498	Trenton	MO
KKC-700	Kentwood	LA	KAA-229	Warrensburg	MO
KKC-706	Metairie	LA		East Mississippi Pow Ass	
KBD-642	Montz	LA	KKA-725	Meridian	MS
KDU-939	New Orleans	LA		City Of Concord	
			KDU-864	Concord	NC

WESTERN TV-DX

Fred McCormack
Box 5221
State University Sta.
Fargo, ND 58105

November 1986

Deadline: 12-4-86

This month, we welcome two (actually three) new reporters - Sally Ortega of Santa Clara, California, and Jack and David Dudley of Electra, Texas. It is good to have you with us, and I hope to receive regular reports from you.

September did not appear to be as outstanding a month for tropo as it can be at times, but there were some nice openings. Notable was Jeff Kadet's catching of UHF from SC at up to 800 miles on the 13th and Nate Ely's opening to SD on the 24th.

Nate had good luck with SDPTV stations due, I believe, to their all night programming. I have been meaning to call attention to the practice which opens up quite a number of difficult to log PBS stations for DX'ing after local sign/offs. I don't know when they started it (or how long it will last), but for some time now I have found the South Dakota network on all night, including weekends, with educational programming apparently aimed at VCR's. Between programs they often run an announcement slide for a long period of time - perfect for identification. Perhaps, DX'ers should be checking channel 2 for meteor skip reception of KUSD?

I have been changing all reports of CKCK call letters to CKTV in this column. From now on, I will be changing all reports of CKTV call letters to CKCK! I don't know what the official call letters are, but I intend to be consistent. Bill Fahber has maintained that their call was never changed and CKTV is a nonID (as Bruce Elving would say). A recent report of the sale of CKCK-TV (and identified as such) lends credence to that theory; so for now it will again be CKCK-TV in this column (unless proven otherwise).

New _____ New Mode _____ Tent. - t Unidentified - unid S/On - + S/Off - =
ID Color Bars - @ _____ Unid Color Bars - % IHTP - \$ Misc. Test Patterns - &

BN	Baja California Norte	CJ	Coahuila	QR	Queretaro
BS	Baja California Sur	NL	Nuevo Leon	TM	Tamaulipas
CH	Chihuahua	QN	Quintana Roo	YU	Yucatan

Marvin Shults, RR#1, Toulon, IL 61483

CDT

August 1986	16 tr 0430	WPWR 60 IL off	18 tr 0726	Dayton 22, 45
4 Es 2059 CBFTt 2 PQ		W51AF 51 IL has	0728	WLIO 35 OH
2100 CJBRTt 2 PQ		been off all wk,	0756	KSHB 41 MO
8 tr 0746 K56BX 56 MO		may be black.	20 tr 0629	KITN 29 MN
(Steelville LPTV)	Es 1030	KPRC 2 TX	0659	WLEF 36 WI
0748 K50CLt 60 IA		KIII 3 TX	21 tr 0830	KLDH 49 KS
0750 KC's 41, 50, 62		XET t 6 NL vert		KC's 19, 41, 50, 62
	1058	KRGV 5 TX	Es 1330	XEPM 2 CH
0751 KMEG 14 IA	1100	KRIS 6 TX	22 tr 0816	KITN 29 MN
0826 WPSD 6 KY	1108	KMOL 4 TX	0822	Mpls chs 11, 23
12 ms 0430 Poor, some unids	1130	KENS 5 TX	25 tr 0659	WSVN 47 VA
tr 0434 KSHB 41 MO		KACB 3 TX	29 Es 1958	WPBT 2 FL
0440 KCTV 5 MO	1158	KIII 3 TX		WPTV 5 FL
0501 +WDAF 4 MO		KMID 2 TX	1959	WTVJ 4 FL
0504 +KMOV 4 MO	1228	XEPM 2 CH	31 Es 2200	KNAZ 2 AZ
13 tr 0411 KARE 11 MN		KENW 3 NM		
0412 WCOO 4 MN	1229	KDBC 4 TX		
0418 WAVE 3 KY	18 tr 0630	K42## 42 ?? TBN	September 1986	
15 tr 0900 WKON 52 KY KET		CKCO3 42 ON	3 tr 0414	WLWT 5 OH
16 tr 0430 KCTV 5 MO		Detroit 50, 56, 62	0417	WXIX 19 OH

Jeff Kruszka, 1900 Stevens Drive, # 224, Richland, WA 99352

PDT

Equipment: Sylvania 12" black and white

August 1986	3 Es 1928	unid ch 3 movie	6 Es 1900	KSNC 2 KS 1100
		w / Sp subtitles	2000	KENW 3 NM 1115
1 Es 1940 unid chs 2, 3	1945	KTVK 3 AZ 915	2018	KMZ 2 NM 945
2010 KMID 2 TX 1280	2000	KVBC 3 NV 690	8 Es 1659	KUSD 2 SD 1075
3 Es 1900 KCBS 2 CA 790	2004	unid channel 5	1713	KOTA 3 SD 740
	6 Es 1715	KSNC 2 KS 1100	1718	KIVvt 5 SD
		KSNW 3 KS 1190	1948	KWGN 2 CO 790
	1743	unid channel 4	2000	KMID 2 TX 1280
1907 KTLat 5 CA				

37.54

Ohio Edison Company

KQA-912 Akron	OH	KKE-872 Arkadelphia	AR
KQB-249 Alliance	OH	KKA-432 Atkins	AR
KQB-241 Elyria	OH	KKA-453 Atkins	AR
KQB-239 Florence	OH	KKE-275 Bald Knob	AR
KQG-889 Lorain	OH	KKE-274 Beebe	AR
KQB-246 Mansfield	OH	KKC-444 Berryville	AR
KQB-245 Marion	OH	KKE-677 Brinkley	AR
KQB-244 Massillon	OH	KKB-296 Camden	AR
KGI-241 Mount Gilead	OH	KKA-456 Conway	AR
KQB-238 Niles Junction	OH	KFX-490 Crossett	AR
WSM-637 Peoria	OH	KKC-462 Dumas	AR
KQB-243 Sandusky	OH	KNBQ-371 Earle	AR
KQA-910 Springfield	OH	KKA-831 Eldorado	AR
KQB-242 Wadsworth	OH	KKC-458 England	AR
Metropolitan Edison Co	PA	KKB-298 Fordyce	AR
KBK-530 Boyertown	PA	KKE-752 Forrest City	AR
KGB-564 Cumberland County	PA	KKD-271 Glenwood	AR
KGB-678 Gettysburg	PA	KKA-350 Gurdon	AR
KGB-354 Glen Rock	PA	KKC-459 Hamburg	AR
KGB-353 Hanover	PA	KKA-621 Harrisburg	AR
KBK-393 Krumsville	PA	KKA-202 Harrison	AR
KGB-384 Lebanon	PA	KKF-295 Hazen	AR
KDQ-539 Middletown	PA	KNBU-229 Hot Springs	AR
KVV-583 Middletown	PA	KKE-676 Hughes	AR
KGA-605 Reading	PA	KKU-274 Jacksonville	AR
KBG-626 Reading	PA	KNBU-228 Jones Hill	AR
KFP-620 Topton	PA	KKR-999 Junction City	AR
KGB-385 York	PA	KKC-456 Lake Village	AR
KFP-621 York Haven	PA	KNBQ-370 Lake Village	AR
KGB-385 Zions View	PA	KKD-274 Little Rock	AR
Houston Power & Light	TX	KNBQ-369 Little Rock	AR
Alvin	TX	KNBQ-374 Magie	AR
Angelton	TX	KKB-297 Magnolia	AR
KKC-896 Baytown	TX	KKD-272 Malvern	AR
KKC-894 Bellaire	TX	KKE-549 Mariana	AR
KJC-723 Channelview	TX	KKE-561 Marion	AR
KSU-519 Donnie	TX	KKE-562 Marked Tree	AR
KKC-899 Freeport	TX	KKF-291 Marshall	AR
KKC-898 Galveston	TX	KKC-455 McGhee	AR
KKC-893 Houston	TX	KKC-399 Monticello	AR
KKC-901 Houston	TX	KKA-459 Morrilton	AR
KKD-348 Houston	TX	KKI-510 Mountain Home	AR
KKQ-341 Houston	TX	KKE-272 Mountain View	AR
KKQ-880 Houston	TX	KKA-620 Newport	AR
KRH-303 Houston	TX	KTS-385 Russellville	AR
KSP-755 Houston	TX	KKA-619 Searcy	AR
KSR-783 Katy	TX	KNAG-287 Snakover	AR
KKA-546 Rosenberg	TX	KEP-945 Stamps	AR
KJL-451 Seabrook	TX	KKD-269 Stuttgart	AR
KKZ-423 Sealy	TX	KKE-565 Truman	AR
KKG-438 South Houston	TX	KKE-566 Wynne	AR
KFO-983 Tomball	TX	New Haven Water Company	CT
KKF-294 Wharton	TX	KCD-626 Hamden	
Dairyland Cooperative	WI		
KSA-730 Alma	WI		
KSB-295 Baldwin	WI		
KSB-631 Cassville	WI		
KSB-294 Elk Mound	WI		
KSB-296 Genoa	WI		
KYX-515 Iron River	WI		
KSA-234 La Crosse	WI		
KSB-604 Ladysmith	WI		

Jeff Kruszcza (continued)

10 Es 1747	unids chs 2-4	21 Es 1700	unids ch 2-4 CDT	22 Es 2000	KXJB 4 ND 975
1758	KBME 3 ND	1711	unid channel 5	2010	KXMA 2 ND 735
1800	unid channel 5	1740	KLNE 3 NE 990	2018	unids ch 3,4 PDT
1824	KXJB 4 ND 975	1859	KNME 5 NM 960	2030	KTVUT 2 CA
1836	KXMA 2 ND 735	22 Es 1935	unids chs 2-5	2100	KIEMt 3 CA
15 Es 2008	KNMZ 2 NM 945	1944	KVBC 3 NV 690	31 Es 2159	unid channel 2
		1948	CBWFTt 3 MB	2235	KNAZt 2 AZ
		2000	KFYR 5 ND 820		

This was the best August of E skip ever for me in my six years of DX'ing. Unfortunately, I'm still having troubles recording what I'm seeing - I'd appreciate knowing if there have been any articles published on the topic of DX videotaping. The DX on the 22nd was heavy from two areas, the east and the south. I'm positive the two California stations were in northern California. KIEM-3 would be pretty short E skip at 425 miles.

Nathaniel Ely, 1237 East Johnson St., #2, Madison, WI 53703 (608)-257-5220

CDT

Equipment: UHF - modified Channel Master 7 foot dish with 4990 and 4975 preamplifiers, .412 aluminum cable. VHF - Channel Master 1110 with Channel Master Spartan II preamplifier (0061), .412 cable, vertically polarized ten element low band yagi at 28 feet. Tower - QDMX-56 (56 foot free standing). Receivers - Zenith System III's (#SL1971 and #SL1927w, both 19"), Zenith B1310w 13", RCA Colortrack 2000 (25" stereo monitor #FLR2523E), RCA 12" b&w (AJR122s) (Es monitor), and Radio Shack 5" b&w.

Since I sort of blew it on reporting this season, I'll just report those stations which are new. My full loggings will resume with the month of August. My apologies to those unsung historical researchers! Hi! Here's the plunder:

May 1986

1 tr 0100	WTJR	16 IL	280
10 Es 1200	WCTV	6(GA)	
25 Es 1429	KYCU	5 WY	865
1605	KXLY	4 WA	1430

June 1986

5 gw 1145	WMSN	47 WI	8
	(Testing, 40dBmV sig here. Whew!)		
7 Es 1032	XHRIO	2 TM	1250
9 tr 0314	WCPO	9 OH	375
	(WGN off air?)		
10 tr 0130	WJRT	12 MI	280
11 Es 1303	WDSU	6 LA	880
15 Es 1203	KTVY	4 OK	610
1230	KAMR	4 TX	890
18 tr 0200	KNLJ	25 MO	350
21 tr 0025	CICA	19 ON	485
0050	CICO20	20 ON	360
26 tr 0316	WTVT	4 IN	280
0421	WBNA	21 KY	400
0424	WAVE	3(IN)	400
0445	WBIR	10 TN	580
0458	WYMT	57 KY	510
0536	WDKY	56 KY	460
0558	WETO	39 TN	585
0626	WAFB	48 AL	585
0632	WHNT	19 AL	585
0644	WAAY	31 AL	585
	(Station # 500)		
28 tr 1429	K52AY	52 MO	310
	(St. Louis SIN)		
29 tr 0200	KPTM	42 NE	360

July 1986

18 Es 1228	WKTV	2 NY	710
19 tr 1035	KTVI	2 MO	310
1130	WSTU	8 IL	375
23 Es 1323	KTYM	6 MT	1170

August 1986

7 tr 0135	KDLH	3 MN	300
11 tr 0546	WDRB	41(IN)	400
Es 2054	CKSA	2 AB	1170
2254	CITL	4 AB	1170
12 ms 0200	KTBS	3 LA	
15 ms 0107	CBFT2t	3 PQ	
	(Philips TP)		
16 tr 2138	WCLQ	61 OH	400
18 tr 0156	CKCO	13 ON	440
	CKCO3	42 ON	370
	CIII22	22 ON	510
0215	WJET	24 PA	465
0400	WBKB	11 MI	330
0434	WVIZ	25 OH	400
0445	WCIU	12 PA	465
	(Through WISN)		
0457	WUAB	WOIO OH	400
0458	WITE	28 OH	410
0500	WSEE	35 PA	465
0516	WNWO	24 OH	315
	(xwdho, NW Ohio)		
0525	WSFJ	51 OH	420
0527	WBGU	27 OH	310
	(Formerly ch 57)		
0536	WCLQ	61 OH	400
0540	WAKR	23 OH	420
0550	CITY	57 ON	465
19 tr 0112	K66BV	66 MI	315
	(Detroit SIN)		
	(Best yet! Grant would cry.)		
0158	KELO	11 SD	400
0300	WBNS	10 OH	410

September 1986

1 tr 0356	WAKR	23 OH	420
0439	WUAB	43 OH	400
0447	WOAC	67 OH	420
0502	WOIO	19 OH	400
0534	WVIZ	25 OH	400
	WCLQ	61 OH	400
0535	WEOA	49 OH	415
	W39AA	39 IN	245
	(Ft. Wayne WFI-20)		
	(But w/WXON-20!)		

Nate Ely (continued)

17 tr 0257	WENS	10 OH	410	17 tr 0622	WTSft	61 KY
0437	WTVQ	36 KY	430	24 tr 0106	KELO	11 SD 400
0446	WHAS	11 KY	400	0116	KTSd	10 SD 545
0518	W47ABt	47 OH		0131	KESD	8 SD 330
0126	WJET	24 PA	465	0140	KPSD	13 SD 610
0153	W08BY	8 WI	60	0205	KQSD	11 SD 535
	(Milwaukee LPTV)			0300	KUSD	16 SD 485
	("Much Music")				Also many s MN	
	(My 1st V LPTV)				xltrs and LPTV.	
17 tr 0225	WVAH	23 WV	525	0545	W49AF	49 MI 225
0235	WAKR	23 OH	420	0614	WCVN	54 KY 390
					(Crystl Falls WGBA-26)	

To sum up the season, I would have to say it's been so-so. Es was good at times though I did not add many new ones via this mode. For tropes there were moments of great "DX-tasy", but overall, my enthusiasm lagged (which may explain my poor reporting all summer).

Next month, if there is any DX to report, I'll run some comments on the new UHF system which was completed on the 24th of June.

That's all for now from Mr. Nate's House of TV-DX. 73, Nate

Sally Ortega, 854 Harrison Street, Santa Clara, CA 95050

PDT

Equipment: Zenith color TV, Zenith VCR, Channel Master UHF-VHF antenna

July 1986

26 Es 1236	KNMZ	2 NM	920
1341	KMID	2 TX	1225
August 1986			
3 Es 1924	KAVE	6 NM	1040
9 Es 0554	unid channel 6		
tr 0606	KSBY	6 CA	262

17 Es 1052	KENW	3 NM	1060
1114	KMID	2 TX	1225
22 Es 1241	KOTA	3 SD	1179
1306	KTVQt	6 MT	
1807	CKCK	2 SA	1325
1948	CFSS	3 SA	1228
2010	CFAC	2 AB	1288
31 Es 1315	unid channel 2		

This is my first report to your monthly newsletter for TV DX loggings. Any information that can be provided to me is more than welcome since I still have a great deal to learn. An acquaintance of mine, Randy Miltier of San Jose, CA got

me started to TV DX'ing and I'm truly hooked. He had assisted me in my loggings and getting the verification letters written. So far, I have had two confirmations, those being KMID and KNMZ. I'm interested in knowing if there are other TV DX'ers in the northern California area.

August 22 was a great day for E skip in this area. It started early in the morning and lasted into the evening. I was able to get five new catches, three of them in Canada. It was a shame I had to work during the day, but living only a block away from the job enables me to check on skip during lunch and sometimes at break. Thanks to VCR's, they record skip even when you're not at home. Too bad the season will end soon.

Jack & David Dudley, 320 N. Electra St., Electra, TX 76360

CST

Equipment: Radio Shack U-120 and 15-1627 multi-bay antennas, 15-1225 Archer rotor on a 25 foot mast with a 50 foot run of RG-59 cable to a Radio Shack TC-1000 19" color monitor. QTH 98.9°W/34.1°N and 1100' a.s.l.

August 1986

29 Es 1500	WPBT	2 FL	1300
	unid 2 Spanish		
1900	WESH	2 FL	1100
	WDIQ	2 AL	
30 tr 1900	KMJD	38 AR	400
1903	KHBS	40 AR	270
1920	WAPT	16 MS	560

30 tr 1945	WNTZ	48 MS	465
2012	KJTM	38 AR	
September 1986			
15 tr 0553	KUPK-13	on ch 57	
0615	KWCH-12	on ch 56	
0813	KHTV	39 TX	
0900	KLMG	51 TX	

25 tr 0540	WIBW-13	on ch 36	
0545	KSNT	27 KS	
0615	KSHB	41 MO	
0619	KZKC	62 MO	
0936	KBIN	32 IA	
0937	KYFC	50 MO	420
29 Es 1913	XEW	2 DF	1100
1942	XHTV	4 DF	1100

(I suspect your Kansas loggings on channels 36, 56, and 57 were due to Oklahoma translators picking up and relaying the signals from Kansas. K36AB (KETA-13) at Lawton could relay WIBW, channel 13; and K56BQ (KWET-12 via K19AA) at Frederick could relay KWCH, channel 12, on channel 56 and also relay KUPK, channel 13, on its upper adjacent channel, channel 57. In the case of K56BQ, this would indicate that the situation also existed at K19AA, Altus. If you can arrive at another explanation, let me know. fm)

(Jack and David would like to correspond with other TV DX'ers to "learn more about the fine points of the hobby." They would also like recommendations as to which of the VUD back issues contain the most helpful information for beginning DX'ers. If you can help, please write to them. fm)

Paul Mitschler, 4911 Idlewilde SE, Albuquerque, NM 87108

MDT

Equipment: Magnavox 9" black & white, BP V-7739 converter, Hitachi 9" color, Universal V-1000 converter, five element channel 6 yagi, four element channel 3 yagi at 30 feet.

<u>June 1986</u>						26 Es	1035	WBRC	6 AL	1150	4 Es	1805	KNMZ	off the air	
26 Es	0800	WEART	3 FL					KTVU	2 CA			1828	WMAB	2 MS	
	2145	KOABT	3 OR			1200		KVIEt	6 CA				WDIQ	2 AL	
30 Es	0908	KCRAT	3 CA					KVIQt	6 CA			2000	KNMZ	back on	
	0930	KEYT	3 CA	725		1230		WAVE	3 KY				KBTX	3 TX	610
						1300		XET	6 NL		5 Es	0855	KCRA	3 CA	
						1345		XEZ	3 QR				KVIE	6 CA	
<u>July 1986</u>						28 Es	1200	KBME	3 ND				KRON	4 CA	
17 Es	0930	WSIL	3 IL			29 Es	0917	WLBT	3 MS			1130	KVIQ	6 CA	
	1000	WCIA	3 IL	922				KTALt	6 LA				KIEM	3 CA	
19 Es	1700	WAVE	3 KY	1175				KTBS	3 LA		8 Es	0835	KIEM	3 CA	
		KTVQ	3 IA	850								0900	KVIQ	6 CA	
	2107	WCIA	3 IL								11 Es	1000	KTVQ	3 IA	
	2145	WISC	3 WI	917		<u>August 1986</u>					16 Es	1100	WREG	3 TN	950
23 Es	0900	KATC	3 LA			1 Es	1400	XEZ	3 QR		17 Es	1220	KEYT	3 CA	
	1000	WRBL	3 GA	1100		3 Es	0730	XEZ	3 QR			1225	KCBS	2 CA	
	1030	WLBT	3 MS	848				1230	KEYT	3 CA	18 Es	1935	XEZ	3 QR	
	1055	KIII	3 TX	735				1240	KCRA	3 CA	20 Es	2107	WEAR	3 FL	
24 tr	0600	KENW	3 NM					1925	KCRA	3 CA	21 Es	0905	WABGt	6 MS	
25 tr	1230	KENW	3 NM					1945	KEYT	3 CA		0930	WLBT	3 MS	
26 Es	0855	WEAR	3 FL	1028				2045	KVIQt	6 CA		2100	KIII	3 TX	
	0905	WLBT	3 MS					2100	KSBY	6 CA	22 Es	1022	KCRA	3 CA	
	1035	KCRA	3 CA			4 Es	1800	WSIL	3 IL			1030	KOAB	3 OR	

The summer of 86 provided many opportunities to observe E skip in a new location. Even with strong locals on channels 2, 4, and 5, I still managed to log a little more than half of the US stations on channel 3. I was quite surprised to get a very good signal from KRON-4 by positioning my channel 6 antenna to null out KOB-4. Next year, I plan to get ready for more attempts on local channels. I was really pleased to have KNMZ go off the air during a high E skip period and open up channel 2. Both TV converters have been great for working channel 3, except when the antenna is pointed directly at Sandia Crest. My best signals on channel 3 have come from my Universal V1000 fed into the Hitachi. While the BP V7739 appears to be very similar to the Teknika 6510, it continually grabbed channel 4 whenever the channel 3 signal faded. Anyway, I fear that I am now entering the seasons of no signal.

Dave Pomeroy, 1169 Webster, Topeka, KS 66604-1502

(Dave sent a post card advising that his unid logging of Hit Video USA on channel 61 on July 28 has been identified as LPTV K61CU in Lincoln, Nebraska. fm)

Randy Miltier, 1068 Fairview Avenue, San Jose, CA 95125

Absolutely nothing to report. There was an opening here on September 21 as new member Sally Ortega logged KENW-3, KMID-2, and XEW-2. I was at the fire station so all I could do was hear the DX by phone - say, can I count DX by phone? (Just kidding!)

Well, I learned a lesson about telescopic masts this past month. I learned that the top section DOES slip out of the second section when raising it. I learned that once the top section is out, you can't get it back in quick enough to avoid a catastrophe. I learned you can't hold up a 10 foot mast with a rotor and a CM 1160A with a 12 foot boom while standing on top of a 6 foot step ladder for very long. I learned to swear very loudly. I learned how to make a CM 1160 (VHF) out of a CM 1160A (VHF-UHF) - basically nose first. Amazingly, the only damage was to the butterflies at the front, and the UHF still works fine without them. This will force me to put my 6 foot dish up that's been sitting in the garage for 20 years.

This all occurred after reading Tim McVey's article on coaxial cable in the September 1986 VUD. I inadvertently put up the wrong RG59/u coax. I switched to the RG59/u foam and noticed a substantial difference even without the butterflies. I will put RG11/u on the UHF dish.

Tom Yingling, I enjoyed your logo's. I will be sending you some from this area. 73

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260 (505)-396-3251

MDT

July 1986			25 Es 1710-1900 unids ch 2-6		9 Es 1800 unid ch 2 Mexico
7 tr 0800 KLMG 51 TX 504			Mexico. Jumbled		10 Es 2100 KXMA 2 ND 936
9 Es 0845 unids chs 2-6 ne			mess. Went to FM		CFSB 3 SA 1103
(Had to go work)					unids chs 2-6
12 Es 1859 WBRK 6 AL 959		26 Es 0650 unids chs 2,3 ne		16 Es 1145 WTJ 4 WI 1067	
1941 WSB 2 GA 1098		27 Es 1647 WBRZ 2 LA 743		1156 WTJ 4 WI 1067	
1945 WAGA 5 GA 1098		1648 unids chs 2-6 e		1159 WLSJ 3 WI 1013	
15 Es 0800 unids 2-4 Mexico		1900 WDIQ 2 AL 1008		1200 KGAN 2 IA 878	
tr 0810 KLMG 51 TX 504		1904 WSB 2 AL 1098		17 Es 1120 KTVU 2 CA 1116	
17 Es 0820 unids chs 2-6 e		28 Es 0820 KGfEt 2 ND		1135 KRON 4 CA 1116	
tr 0845 WNOL 38 LA 830		31 Es 1950 KTVU 2 CA 1116		1144 KVIE 6 CA 1071	
0846 WLAE 32 LA 830		1956 KRON 4 CA 1116		1150 KPXX 5 CA 1116	
Es 0931 WBAY 2 WI 1125		1957 KPXX 5 CA 1116.		20 Es 1829 WSB 2 GA 1098	
1400 KGAN 2 IA 878				1830 WSAV 3 GA 1305	
1734 CBWFTY 2 ON 1215		August 1986		1831 WRBL 3 GA 1067	
1740 WBBM 2 IL 1040		3 Es 1000 KCBS 2 CA 855		1833 WTVY 4 GA 1067	
18 Es 1943 WLNS 6 MI 1215		KEYT 3 CA 945		21 Es 0930 WSB 2 GA 1098	
2000 WBBM 2 IL 1040		KNBC 4 CA 855		0958 WSJK 2 TN 1170	
19 Es 1735 WTWO 2 IN 981		KTVQ 2 MT 900		1000 WWL 4 LA 830	
2059 KGAN 2 IA 818		1130 KXMA 2 ND 936		1203 KXMA 2 ND 936	
2101 WBAY 2 WI 1125		1659 XHGWT 2 BS 743		2228 KRON 4 CA 1116	
2112 WTJ 4 WI 1067		1755 LA 2, 4 CA 855		2229 KTVU 2 CA 1116	
2113 WITI 6 WI 1067		1900 KTVU 2 CA 1116		2230 KTVN 2 NV 1008	
2115 WFRV 5 WI 1125		2030 KSBY 6 CA 1004		22 Es 1900 unids chs 2-6 e	
2116 WOI 5 IA 788		2100 KPXX 5 CA 1116		28 Es 1300 WTVJ 4 FL 1508	
2117 WMMT 3 MI 1148		KRON 4 CA 1116		1310 WCPX 6 FL 1359	
2122 KDHL 3 MN 1094		4 Es 1815 unids chs 2-6		1312 WPTVT 5 FL	
2321 WDTN 2 OH 1152		1920 XHAN 2 QN?1320		1326 WTVT 5 FL 1274	
20 Es 0910 unids chs 2, 3 e		(Cancun, QN ??)		(0 kHz-KTXT - 5)	
1811 KNBC 4 CA 855		(Red Nac 7.0kHz)		1329 WESH 2 FL 1346	
1829 KEYT 3 CA 945		2110 XHY t 3 YU		1400 WDIQ 2 AL 1008	
KCBS 2 CA 855		5 Es 2000 WJBFB 6 GA 1238		WJXT 4 FL 1300	
2312 XHQA 5 BN 716		unids chs 2-5		1500-1600 unids 2-6	
XHBC 3 BN 716		6 Es 1910 KEYT 3 CA 945		(Georgia and SC)	
(KCBS still in)		1912 KSBY 6 CA 1004		unids 2-5 Mexico	
KTLA 5 CA 855		2000 KCBS 2 CA 855		gw 2030 K12NH 12 NM 30	
unids chs 2-6 e		2217 KPVI 6 ID 833		(Hobbs KOAT- 7)	
(Had to go work)		2218 KUTV 2 UT 707			
24 Es 1915 KCBS 2 CA 855		2220 KBCI 2 ID 990		September 1986	
unids ch 2 (two)		2259 KHQ 6 WA 1226		10 gw 2200 KRVP 27 NM 90	
		7 Es 0001 KREM 2 WA 1226		(Roswell w/TBN	

William Draeb, Ellis St., Rt. #2, Kewaunee, WI 54216

CDT

My AB-300 preamplifier went on the fritz; first time that's happened since I put it up about eleven years ago. I fixed it today and will probably get it back up on my 40 foot tower (its used with the single Winegard SC713 (chs 7-13) yagi) by the end of the week. It was probably damaged by the excessive rainfall we've had lately or probably lightning damaged it. I know one night we had thunder and lightning all night from 2300-0630. Lots of rain, but no flooding here. We live in the highest part of town. Needless to say, there wasn't too much tropo action - no E skip.

August 1986											
28 tr 2100	WCET	48 OH	400	4 tr 0825	WKON	52 OH	437	18 tr 2136	WKON	52 KY	437
31 tr 0907	WKOH	31 KY	467		WTVQ	36 KY	473	20 tr 2121	WCET	48 OH	400
	(Snow free)				WKLE	46 KY			WKON	52 KY	437
	WKMA	35 KY	499	7 tr 2030	WCET	48 OH	400	2125	WKLE	46 KY	437
	WFIE	14 IN	420		WXIX	19 OH	400	2138	WTVQ	36 KY	473
	WEHT	25(KY)	420	10 tr 1915	WCET	48 OH	400	2200	WXIX	19 OH	400
	WLNT	19 KY			WTVQ	36 KY	473		WKPC	15(IN)	437
	WBAK	38 IN	348		WKON	52 KY	437	23 tr 0715	WDRB	41(IN)	437
	(Lots of stations			LS 2050	WDKY	56 KY			KXLI	41 MN	334
	booming in, but			tr 2050	WKLE	46 KY	473		(Mpls-Stp UHF's		
	fast deteriora-			13 tr 0826	WCET	48 OH	400		snow free, ex-		
	tion after 0935)			0830	WKON	52 KY	437		cept 17. KSTP's		
				17 tr 0629	WPTT	22 PA			on 14, 22; edu		
					WPNG	53 PA			on channel 16.)		
September 1986					WCET	48 OH	400	25 tr 1830	WTVQ	36 KY	473
4 tr 0825	WCET	48 OH	400	18 tr 2136	WCET	48 OH	400		WGRB	34 KY	508

William Draeb (continued)

25 tr 1830	WDRB 41(IN) 437	26 tr 1902	WPTT 22 PA 480	28 tr 2042	WDRB 41(IN) 437
	WKONT 52 KY	2040	WCET 48 OH 400		WTVQ 36 KY 473
	WCET 48 OH 400	28 tr 0730	Iron Mtn xlt 100		WKPC 15(IN) 437
1837	WPTT 22 PA 480	2039	WCET 48 OH 400	2054	WNBO 45 OH 405
2232	WKON 52 KY 437		WKON 52 KY 437		WEOA 49 OH 380
	WOSU 34 OH 395	LS 2042	WDKY 56 KY 495		WGN 52 OH
					WOSU 34 OH 395

That's all for now. 73's, Bill

Jeff Kadet, Box 20, Macomb, IL 61455

CDT

Equipment: Zenith 9" black & white, Zenith 12" black & white, Zenith N1310, Zenith Y1310 (all circa 1979-1982), Channel Master 1110 with CP 3800 preamp, RG-11 at 50', Channel Master 7' dish with PA 4975 preamp, .500 cable at 55', Winegard 5 element low band vertically polarized at 20'

August 1986

1 tr 2326	K42## 42 ?? TBN	16 Es 1029	KGBT 4 TX 1065	29 Es 1758	WPBT 2 FL 1175
3 Es 1900	WPBT 2 FL	1044	KRGV 5 TX 1160		WEDU 3 FL 980
4 Es 1629	KGBT 4 TX 1065	1059	KIDY 6 TX 880		unid ch4 Spanish
	KIII 3 TX 960		KENS 5 TX 890	1807	XEZ 3 QR 1225
1700	XEZ 3 QR 1225	1148	KMOL 4 TX 890	1919	XHGCT 5 DF
	XHZ 5 QR	1200	KACB 3 TX 840	2012	XNY 3 YU 1295
1725	XHGCT 5 DF		KENW 3 NM 820	2018	KGBT 4 TX 1065
1730	XEPE 2 TM 1040	18 tr 0450	Detroit-Smia U's	30 Es 0929	KMID 2 TX 890
1732	XEPE 2 NL 1160	0529	WBGU 27 OH 360	1100	WEDU 3 FL 980
1730	unid ch 4 Mexico		WUCM 19 MI	1130	KPRC 2 TX 800
1758	KMOL 4 TX 890	0600	W6AD 46 MI 385		
1810	KDBC 4 TX 1055		(Traverse City WOL-6)		
1844	XHAE 5 CU 1205	20 tr 0525	+WUCM 19 MI 405	September 1986	
2128	unid channel 2	21 Es 1029	XEPE 2 NL 1160	12 au 0130	Strong chs 2-6
	(Spanish words)	1100	KGBT 4 TX 1065	13 tr 0120	Huntsville chs
5 Es 1500	XHRIO 2 TM 1085	22 Es 1130	XEPM 2 CH 1055		19, 31, 54 455
1600	KMID 2 TX 890	1320	KNMZ 2 NM 890	0134	WGNX 46 GA 575
1621	WMAZ 2 MD 725	1328	KCNC 4 CO 755	0213	=WATL 36 GA 575
	WTKR 3 VA 810	1347	KWGN 2 CO 755	0320	WTAT 24 SC 800
7 Es 1210	unid ch 2 Mexico	25 tr 0141	WCYB 5 VA 525	0328	WGST 16 SC
11 Es 1030	XEPM 2 CH 1055	0417	@WKPT 19 TN	0413	WTBS 17 GA 575
1053	KNMZ 2 NM 890	0456	+WYMT 57 KY 450	0444	@WLOS 13 NC 550
1100	KNAZ 2 AZ 1180		@WJHL 11 TN 530	0515	@WDEF 12 TN 475
12 ms 0255	@WCYB 5 VA 525	28 Es 1420	unid channel 2	0520	@WATL 36 GA 575
16 tr 0129	KSLA 12 LA 580		(Weird TP)	0544	@WTVL 9 TN 475
0403	KBJRT 6 WI	1529	WPBT 2 FL 1175		WJCLT 22 GA
0448	WDBB 17 AL 535		XEZ 3 QR 1225	0553	WTGS 28 SC 780
0451	WTVA 9 MS 450	1630	KATC 3 LA 725	0616	WDCO 15 GA 690
0600	WBMG 42 AL 575	1653	WBRZ 2 LA 705		(Wedge TP)
Es 0900	WPBT 2 FL 1175	1720	WESH 2 FL 950	0700	WJSU 40 AL 545
1029	KIII 3 TX 960	1829	WJXT 4 FL 865	0805	WVAL 44 AL 520
1029	KRIS 6 TX 965		WEDU 3 FL 980	0827	WJSP 28 GA 635
				0840	WCAJ 68 AL 575

Only one decent tropo opening in September, but it was a gem; getting into a part of the country I never thought would be possible from here. WTAT-24 was in for about an hour, mostly in color, but KNLC pretty much covered them up except for at one pinpoint antenna position. South Carolina is tropo state #29. WVAL-44 must be a satellite of WDRB-17. That is all they identified as on channel 44.

We have yet another nonID'ing LPTV out here. This one is on channel 42 with TBN. This may be from Ottumwa, Iowa which used to have an LPTV on channel 42, but with different programming. Unless I hear otherwise, this won't be counted as a new station. 73.

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

CDT

Only two items of DX were noted this reporting period. A strong auroral opening was noted at 0100 on September 12. Auroral hash was seen right through high band VHF, and the low band channels were occasionally developing recognizable video, but no ID's were made.

The other item of DX was a tropo opening to Iowa on September 26 producing KRIN-32 (395 miles) at 0930.

SOUTHERN FM DX

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075
DEADLINE: 10th

YOUR OLD RELIABLE SFM EDITOR IS BACK

Thanks to ex-editor Eric Bueneman for his forwarding of reports so there is plenty of material for me to get back into action as editor of SFM after nearly a year's vacation from it. Gee, all that time went by fast. The past summer had some nice, heavy Es days, with the fantastic day of June 11th still being covered. August seemed to be more active than usual for Es while July was on the busy side. Trop continues to lag with openings staying well under 400 miles. Now on to the reports. There is a marathon of them!

DON'T MISS GLEN'S LATIN DX!

Gus Mancuso, 5615 Inwood St., Cheverly, MD 20785 (301)773-3072

Equip: Technics SA-222 with European freq. allocation, hooked to Radio Shack plain rabbit ears.

Took our best receiver to my parents' place in FL this time and managed to increase totals about 40%. Bartow is just under halfway down the peninsula and is on a line between St. Pete. and Canaveral, somewhat closer to the Gulf side of the state. Constantly changing weather patterns with t-storms coming and going frequently made for many short time directional openings. Incredibly flat terrain make for easy 200 mile plus reception where station power and lack of adj. channel interference allowed. (Yes, I remember being surprised when I first saw FL topography, flatter than what I was used to in CA. DB) Best reception was after dark, although a few stations were logged only on sunny mornings. Biggest drawback was obviously the narrowness of the state, limiting the land area to work with. Adjacent channel problems were significant although we were a good 35 miles from Tampa, mainly due to the proliferation of 100,000 watters. These monster stations with their 1000' towers seem to have the dial pretty well tied up, forcing new stations onto already over crowded freqs., such as 105.5 where at least one pair of stations are only 65 miles apart, a very short distance for flat as a board terrain. On the other hand there are several freqs. that have no FL stations, although I can easily locate an area where one could operate without adj. chan. problems. However, I guess the same could be said for many areas. (Yes, most of what you said about FL is likewise in CA. DB) Not many stations signed off at 0900 Sun. night other than those which shut down every night (or at least every "weeknight") at midnight. This was disappointing because Monday AM is best time for DXing back in DC area. Re: aforementioned freq. crowding, have now received 5 of 9 FL on 105.5 and all except St. Augustine are within 90 miles of Bartow. Back in DC have picked up only four after years of trying! (Wipe that smirk off your face, Saul.) Hope to return here in Oct. or March.

8/14 tr
2110 WAAC 92.9 GA Valdosta
2124 WRMP 97.9 FL Palm Beach
2141 WMXJ 102.7 FL Pompano Beach
2146 WLOQ 103.1 FL Winter Park
2329 WLTV 106.3 FL Holiday
2346 WKZM 105.5 FL Sarasota
2347 WGUL 105.5 FL New Port Richey
2352 WKOD 98.3 FL Arcadia
2359 WQHL 98.1 FL Live Oak
8/18 tr
0127 WAIA 97.3 FL Miami
0729 WWLV 94.5 FL Daytona Bch
0730 WLFJ 91.5 FL New Port Richey
0732 WVHG 92.1 FL Labelle
0739 WOGJ 107.1 FL Lehigh Acres
0746 WAXY 105.9 FL Fort Lauderdale

28 new plus 76 back in April brings count to 104, will send in complete list soon for Stats column. The two long range catches (Phila.+ Hartford) may have been Es. They were picked up over locals by swiveling rabbit ears to lowest gain on FL Stations, did not seem to snap in and out like typical Es. In fact each was in only once for about 5 or 6 min. each. I must confess to not knowing as much about technical aspects as most clubbers seem to. (OK, Saul, stop snickering!) (It also takes experience perhaps more so than knowledge to distinguish tr from Es, which seems very difficult to pick up in the congested DC area. DB)

Jim Pizzi, F. C. Box 1778, Lovington, NM 88260 (505) 396-3251 MDT

7/9 Es, in car		7/12 Es	
0853 WLAP 94.5 KY Lexington	1080	1830 WEEA 98.3 AL Scottsboro, promo	1004
0855 KBRK 92.5 KY Owensboro, cl	968	1859 WLSL 96.1 GA Atlanta, 96 Rock	1098
0900 KCCQ 99.3 MO Gordonville, new cl	810	1900 WRAS 88.5 GA Atlanta, ID	
7/12 Es		1901 WBCX 89.1 GA Gainesville, cl, wx	1274
1837 WQSB 105.1 AL Albertville, cl	990	cont.....	

7/15 Es, in car
0850 **XHVE** 102.1 VER Veracruz, r, SS 1032
7/17 Es
0815 unID's 88-92, east
tr
0855 Houston, TX FMs 530
Es
1004 **WMGN** 98.1 WI Madison, Magic 98 1013
1032 **WRVM** 102.7 WI Suring, tent., g
1034 **WNMU** 90.1 Marquette, ID, 1364
1035 **WFNE** 89.3 WI Green Bay, ID 1125
1038 **WMJA** 92.1 WI Spencer, cl 1060
1045 **WJPD** 92.3 MI Ispeming, wx 1215
1047 **KQYB** 98.3 MN Spring Grove, promo 959
1054 **WDUX** 92.1 WI Waupaca, promos 1058
1101 **WXPR** 91.7 WI Rhinelander, ID 1125
1121 **WMHE** 92.5 OH Toledo 1215
1123 **WBTU** 93.3 IN Kendallville 1143
1124 **CKLW** 93.9 ON Windsor, tent, oldies r
1125 **WCZY** 95.5 MI Detroit, ads 1260
1128 **CKGL** 96.7 ON Kitchender, ads 1438
1130 **CJOM** 88.7 ON Windsor, wx 1262
1135 **WNWN** 98.5 MI Coldwater, ads, EBS test
1136 **WCXY** 98.3 MI Houth Haven, promo, ads
1140 **WMHE** 103.1 IN South Bend, tent., g
7/19 tr
0727 **KRRG** 98.1 TX Laredo, r 460
Es
1739 **WXCC** 96.5 WV Williamsburg, ads 1220
1744 **WCJY** 100.3 NC High Point, promo 1328
1749 **WCMS** 100.5 VA Norfolk, cl 1539
1751 **WRAL** 101.5 NC Raleigh, ID 1430
1753 **WBTZ** 100.1 IN Bluffton, calls 1125
1754 **KEZG** 100.3 AR Jacksonville 657
1756 unID 100.5 east, ment. "thorntonburg"
1759 **WUSY** 100.7 TN Cleveland, ID 1058
1835 unID 88.5, east, r, ph# 658-4488
2125 **WCJB** 88.9 WI Hayward, Indian mx 1071
2127 **KWCV** 92.1 MN Waseca 916
2131 **WYRQ** 92.1 MN Little Falls, nx 999
2133 **KXLP** 93.1 MN New Ulm, ads 900
2135 **WSCK** 92.9 MN Duluth, tent., j
2136 **WTBX** 93.9 MN Hibbing, promo 1112
7/20 Es
1733 **XETRA** 91.1 BCN Tijuana, 91-X 797
1737 **XHCM** 88.5 MGR Cuernavaca, tent 985
1740 **XHZN** 91.9 MIC Zamora, Estereo color, ads
1756 **KIFM** 98.1 CA San Diego, ads 810
1757 **XHRM** 92.5 BCN Tijuana 797
1758 **KSDQ** 102.0 CA San Diego 810
1759 **KJQY** 103.7 " " wx, K-Jou
1802 **KGB** 101.5 " ID
1803 **KSCN** 97.3 " " "
1812 **KVLC** 107.1 CA Fallbrook, ads 805
1814 **KLZZ** 106.5 CA San Diego, EZ-106 810
1816 **KLWN** 92.1 CA Escondido 801
1821 **KFSG** 96.3 CA Los Angeles, g
1830 **KSCA** 88.7 CA Santa Barbara, ID 945
1840 **KHTY** 97.5 CA Santa Barbara 945
1842 **KCAL** 96.3 CA Redlands 800
1845 **KDAR** 98.7 CA Oxnard, ads, g 915
1847 **KDB** 93.7 CA Santa Barbara, c 945
1900 **KKLA** 99.5 CA Los Angeles, g
1902 **KXLU** 88.9 CA Los Angeles, calls
7/23 Es
0829 **WFLN** 90.3 TN Nashville, ID 968
0830 **WNAZ** 89.1 TN Nashville, wx
0833 **WQOX** 88.5 TN Memphis, X-88 784
0839 **KUCA** 91.3 AR Conway, wx
0840 **WKQD** 93.3 TN Tullahoma, ads 990

7/23 Es
0842 **KHSL** 96.3 AR Blytheville, wx 790
7/25 Es
1710 to 1830 most all DF and Puebla FMs
1731 **XEQ** 92.9 DF Mexico City, L, ID 960
1815 **XHRJ** 92.5 MX Toluca
1816 **XHNU** 94.5 GRC Acapulco, c 1116
7/26 Es
0742 **WBYN** 90.5 FL Tampa, cl 1300
0750 **WFYN** 92.5 FL Key West, cl 1463
0755 **WSHE** 103.5 FL Ft. Lauderdale, promo 1473
0802 **WAXY** 105.9 FL Ft. Lauderdale, ID
(the previous 3 heard on car FM)
1118 **WPAP** 92.5 FL Panama City, cl 1071
1119 **XHRS** 93.3 VER Veracruz 1032
1123 **XHRN** 96.5 " "
1126 **XHVE** 102.1
1127 **XHPR** 101.3
1232 **WSOC** 103.7 NC Charlotte, ads, promos 1206
1232 **XEJP** 93.7 DF Mexico City 960
1305 **WMHK** 89.7 SC Columbia, cs
1311 **XHDK** 94.7 JAL Guadalajara, ads, promos
1312 **XEBA** 97.1 " "
1316 **WFCX** 97.1 GA Gainesville, cl 1125
1317 **WNGC** 95.5 GA Athens, cl 1148
1336 **WAKW** 93.3 OH Cincinnati, promos 1125
1339 **WMVC** 93.7 OH Mt. Vernon, 094FM 1238
1340 **WBZZ** 93.7 PA Pittsburg, ads
1533 **WYQQ** 102.9 TN Shelbyville, cl 977
1536 **WGFL** 104.1 FL Tallahassee, ads 1233
1539 **WWKA** 92.3 FL Orlando K92fm 1359
1549 **WSKZ** 106.5 TN Chattanooga, KZ-106 1035
1555 **WJST** 94.5 FL Port St. Joe, ad, T94 1094
1558 **WSSF** 104.1 FL Cocoa Beach, Whisper 104
1559 **WKTR** 98.5 Crystal River, cl 1265
1707 **WAPI** 94.5 AL Birmingham, ads, I-95
1712 **WHMA** 100.5 AL Anniston, ads, promos 1013
7/27 Es
1643 **WDEN** 105.3 GA Macon, ads 1148
1644 **WPEZ** 107.9 GA Macon, ads, EZ Hits 108
1712 **WREZ** 103.3 AL Montgomery, cl 1004
1716 **WSTH** 106.1 AL Alexander City, South-106
1719 **WSB** 98.5 GA Atlanta, cl 1098
1725 **WMOG** 104.9 GA Milan, Country 105 1184
1726 **WZZK** 104.7 Birmingham, cl 959
1729 **WSGY** 100.3 GA Tifton, ads 1170
1730 **WKEU** 97.7 GA Griffin, Q97 1103
1733 unID 105.7 WRJM, Montgomery?? Sunny 105
1735 **WHAY** 105.5 MS Aberdeen, ads 855
1739 **WHMA** 100.5 AL Anniston, ads 1013
1740 **WMJJ** 96.5 AL Birmingham, Magic 96, cl
1759 **WAGR** 103.9 MS Columbus, tent, soul
1801 **WKWX** 106.7 AL Enterprise, Max 106, cl
1804 **WAAC** 92.9 GA Valdosta, wx, cl 1193
1805 **WDJC** 93.7 AL Birmingham, g 954
1812 **WJST** 94.5 FL Port St. Joe, promos, T094
1813 **WLGA** 95.9 GA Valdosta, ads 1193
1814 **WLCS** 96.1 FL Jacksonville, cl, Glass FM
1826 **WJAD** 97.3 GA Bainbridge, ads 1116
1830 **WDLT** 98.3 AL Chickasaw, cl, 98 Light
1834 **WDDJ** 92.1 GA Adel, ads 1184
1835 **WAFE** 95.1 FL Jacksonville, cl
1839 **WTTY** 95.5 AL Dothan, ID 1067
7/31 Es
1959 **KQED** 88.5 CA San Francisco, ID 1116
8/3 Es
1956 **KKHI** 95.7 CA San Francisco, c 1116
on vert. ant.
2000 **KYUU** 99.7 " " ID cont.

8/3 Es
2001 **KHTY** 97.5 CA Santa Barbara, ID 945
2003 **KDDB** 92.5 CA Paso Robles, ads 1012
2003 **KJLH** 102.3 CA Compton, cl, s 850
2004 **KXFM** 99.1 CA Santa Maria, r 990
2006 **KDB** 93.7 CA Santa Barbara, c 945
2008 **KLFA** 92.1 CA King City, SS 1035
2009 **KSNI** 102.5 CA Santa Maria, ads 990
2010 **KRUZ** 103.3 CA Santa Barbara 945
2013 **KRTH** 101.1 CA Los Angeles, tent. 855
2014 **KHAY** 100.7 CA Ventura, ads, cl 923
2015 **KBAY** 100.3 CA San Jose, cl 1080
2021 **KIOI** 101.3 CA San Francisco 1110
2022 **KRAY** 103.9 CA Salinas, SS
2024 **KLYD** 97.7 CA Shafter, ads 915
2028 **KARA** 105.7 CA Santa Clara 1084
2029 **KLZE** 97.7 CA Los Altos 1090
2029 **KMBY** 107.1 CA Seaside 1067
2032 **KMEL** 106.1 CA San Francisco, cl 1116
2035 **KLOK** 103.7 CA San Francisco, cl
2036 **KHCB** 104.1 CA Modesto 1035
2037 **KOSC** 93.1 CA Patterson, KC-93 1035
2046 **KMYT** 97.5 CA Merced, K-Might 1004
2047 **KNAX** 97.9 CA Fresno, full ID 959
8/3 Es
2052 **KBLX** 102.9 CA Berkley, cl 1110
2058 **KFTG** 101.1 CA Fresno, cl 959
2101 **KQJY** 98.9 CA Dinuba, K-Joy 950
2103 **KWAV** 96.9 CA Monterey, K-Wave 1070
2104 **KARQ** 97.3 CA San Francisco, cl 1116
2107 **KKDJ** 105.9 CA Fresno, ad, cl 959
2108 **KLTG** 107.5 CA Hanford, r 954
2108 **KJUC** 106.7 CA Tulare, k 945
2109 **KSLI** 107.7 CA San Mateo 1105
2110 **KITS** 105.3 CA San Francisco, cl 1116
2113 **KYBB** 100.9 CA Tracy, B-100
2115 **KYNO** 95.7 CA 959
2121 **KSLS** 96.1 CA San Luis Obispo, ads, Sly96
2124 **KLOI** 107.1 CA Grover City, ads 1000
2126 **KFFE** 93.7 CA Fresno 959
2129 **KIQQ** 104.5 CA Atascadero 1008
2130 **KFCG** 104.5 CA San Francisco 1116
2145 **KIWI** 92.1 CA Bakersfield, c 910
2146 **KCFM** 101.5 CA " " "b
2147 **KJSV** 91.5 CA Fresno 459
2153 **KCBX** 90.1 CA San Luis Obispo, reggae mx
2154 **KZOZ** 93.1 CA San Luis Obispo 1004
2156 **KCFR** 91.3 CA " " tent.

Lots of Es for this report period. A couple of long awaited openings to CA. Looking to relocate back to CA as job advancement has stopped here due to oil crunch. Anyone interested in a hot DX spot for \$80,000(4 bdrm, 2100 sq ft. house on 2 1/2 acres included) (Many people must wonder if the tower farm comes with the deal. DB) 73's till next report.

Glenn. Hauser, Box 490756, Fort Lauderdale, FL 33349 (all times and dates UTC)

It's hard for me to find the time to DX, let alone keep up with reports for publication, so I hope you'll find interesting this compilation condensed into my DX LISTENING DIGEST format, skipping all merely domestic FM DX, and including a few opening-relevant TV catches.

COLOMBIA I used to be a very active FM-DXer, especially 13-14 years ago when I was in Von Ormy TX. Sporadic E DX is much more exciting than ordinary SW DX since it's either totally in or totally out, usually the latter, and is not very predictable; to get the most out of it, one must be prepared to surrender oneself to nonstop DXing when the skip is in. For about a decade, thanks to a crummy location in Knoxville TN, and for the past two years in FL where I have deliberately refrained from purchasing an external VHF antenna, I have managed to avoid much VHF DX activity, giving me time for such things as publishing two SW-oriented magazines, broadcasts, etc. But in late July a severe geomagnetic disturbance set off some terrific Es openings for many hours a day several days in a row. Using only the supplied indoor dipole (which I quickly mounted on my rotatable MW frame loop antenna) I let myself get hooked into some FM DXing, since a lot of it was coming from Latin America; a lot of countries are within single-hop range from South Florida, one of the reasons I moved here, unlike any other part of CONUS. Even the Atlantic coast of Colombia is only about 1100 mi away, a prime Es skip distance, and one of the stations early in the opening was therefrom, my first SAm FM DX. (It turned out that not a single other SAm stn would be logged in the next few days, just several countries in Central Am, Mexico and the Caribbean, plus lots of US states.) 25/7 at 1342 UTC I found Es from Spanish stns on 92.1 and 89.1, a few minutes later on 88.5 and 96.1, but I stuck with 92.1 which was the first to cut from mx to anmts at 1347--adstrng including one for "Máximo" at Calle 77, Carrera 74 esquina; Jabón Rexona; Cristalería Selman, Calle 70...something selling camisas y pantalones... "en la ciudad de Barranquilla" and also adds in Paseo Bolívar and San Blas; Super Calzado, Centro Comercial Acuario at Carrera 43, 59 esquina, and at 1350 jingle ID as "Me gusta más [etc.], Radio Olímpica Estéreo". Actually it sounded more like "Limpic" between quick fades, but this correlates with the 1340 MW stn listed for Barranquilla in WRTH 86 (which is useless for FM itself--you'd never know it existed in IAm). By 5 mins later the opening was concentrating on Nicaragua; and Honduras, another 92.1 stn (gh) Very nice of Miami's Latin stn WCMQ to have moved from 92.1 to 92.3 several months ago (gh)

David Gleason, PR, helps out with some info on my FM DX. 92.1 is Radio Olímpica, HJVV, 9.5 kW, Barranquilla, address Calle 72 No. 48-37. Co-owned with M Tiempo, 96.1, which he sells mx svc to. 89.1 is Caracol Estéreo, Barranquilla, 11 kW HJPT. 88.5 is Cartagena, Indias Estéreo HJLL with 1.4 kW. He keeps up with LAm FM development, counting 975 FMs outside of Brasil (gh)
EL SALVADOR Previously reported several stns hrd by groundwave while in Guatemala; now some by Es hrd in Florida! 25/7 1505 UTC on 98.5 PSA about "gracias, soldados salvadoreños", \$, 9:05 TC en "su cadena Cuscatlán, la onda de la juventud, Radio Cuscatlán," live DJ, Bo George mx; 1512 another ID in passing from DJ named Falco. Also logging various Nicaraguans, Hondurans, Guatemalans, Mexicans, and then again at 1546 tear-jerker, Cadena Cuscatlán to xmit from CR on domingo. By 1730 I was mostly getting Pennsylvania & W Virginia stns, but at 1731 98.5 was back w/ID, Óptica Salvadoreña ad, sports, and at 1736 still the only Cam stn being hrd. I later had a letter from World of Radio listener Jesús Humberto Molina Melara, who is in the Depto de Cuscatlán, at San Bartolomé Perulapán and on 25/7 betw 16 & 17 UTC hrd various US FM stns, incl "Personal Friend" on 108 MHz, and Ft Lauderdale on 105.9 -- ID sounded like "XC FM"--that was of course WAXY pronounced as a word Waxe-y--a nice proof of reciprocal path opening! At 1606 on 94.5 hrd ad mentg Zona Rosa, which may have been CCI from Mexico City, but then ad in colonos, mentg Teatro Nacional, Santa Tecla, Sonsonate--which stn is this? (gh)

FM DX by sporadic E [see COLOMBIA]--had been getting Puerto Rico and El Salvador just before this opening, so was a bit difficult to sort out the likely Dominicans; 25/7 at 1800 UTC US stn w/nx in EG overridden by SP DJ, ad for Cía de Seguros San Rafael, 1801 TC for 2101, ID as "HION, Radio Central en Santo Domingo," jingle "Saludos de Radio Central..."; 1805 in again w/meringue, on 92.5 Mhz. Same type of mx then hrd on 94.3 at 1802, overriding semi-local in WFB, stereo pilot but mono audio; 1807 DJ with 2:10 TC, "Cucaracha I-K-X", romantic mx, 2:11 TC "en HIKV", 24 horas. Also had a Spanish preacher on 93.5, not a PR fq, at 1804 and a religious story in SP at 1814. Another meringue stn on 95.1 at 1805, and ID at 1808 started "Cadena..." before fade. At 1809 more meringue on 97.5. At 1810 an anmt on 98.1 seemed to mention "Siete" but maybe part of ad rather than ID. At 1811 on 101.1 2 stn one of which had ad for something at Avenida Duarte...esquina Barahona en Santiago; seemed to mention "Radio Cique" or similar but clear "72-101" (Zeta-ciento-uno) jingle ID followed; stereo. At 1813 on 99.5 rock in EG, Stereo, 1820 singing ad in SP for Optica Félix--calidad a la vista, Presidente cerveza, but no ID, then EZL mx. On 103.1 at 1815 soft rock in SP. And at 1818 on 92.1 seguros ad, cerveza Bohemia, ID as "Hit-Classy-classy-classy..." and "Hite-92" or is it HITS-92; not in Sto Domingo? One more on 27/7 at 1209 on 89.1--luckily local 89.3 was off--but in and out, no anmts, \$, segues, 1236 still w/vocal, steel drum, 1240 ID as Radio Wow, request line 6-8-9-15-79 (and 689 is a Sto Domingo

VIRGIN ISLANDS, US During 24/7+ sporadic E openings on FM, managed to pull some stns here past the PRs and other Latin stns: 2148 EG anmt on 95.1 while PR was in on 95.7 but no ID yet; 25/7 at 1557 reverb EG mx, "Isle-95 news time 11:58" not to be confused with Miami's former "I-95" on 94.9 which squeezed tightly with Mexico City on 95.3 at same time. With PR stns still in at 1634 had EG woman ancr on 99.5, w/hi blood pressure PSA, listing of jobs available, fades, but no definite clues as to VI but strongly suspect WIVI Christiansted, St Croix; also at 1813 had EG rock in \$ but DR stns were in then. 95.1 is WJWC Christiansted, but much prefers "Isle 95" ID; see also PR note on 100.3 (gh FL)

GUATEMALA several Es openings [see COLOMBIA] in July brought in Guat stns in the ideal kilowatt range: starting with TV 20/7 2259 UTC on ch 3 had ad menting Sexta Avenida, Zona Uno, a sure giveaway for Guat and Supercanal, mixing w/a Mexican. 2307 more 6a Av ad on 88.8 Fabulosa, ballgame coverage, 2330 ad for Super-something; 2321 on 91.9 Estéreo Saturno ID in passing; 2326 seemed to have non-IDing background mx svc f/in/out on 86.0 but later realized it could be image of local 107.5 on 86.1 (-21.4 Mhz)

25/7 was major opening, 1445 on 91.9 aeropuerto ad in zona 9, adstrng incl canibales movie, Estéreo -Saturno ID again, a Guat City stn I'd pinned down locally while visiting there in Jan; referring to my list in July MODERN ELECTRONICS was most helpful. 1515 on 96.0 M&W talking, seems recipe show as Saturno 91.9 was still in at 1516; 1529 96.0 ads, distorted, Club de la Familia pgm, 62-9-16 phone, Guat-type ad, mentg Zona 1; stans distorted as grows stronger, 1531 R Nuevo Mundo ID. At 1524 had ads on 98.6 mentg 16 Avenida, Zona 11, so that'd be R Mundial, Guat City. At 1532 SP on 97.6 which'd be R Emperador, Guat City. 1533 on 88.8 Mejoral, llantas ads, 1537 DJ w/amnts, no ID but surely Fabulosa. At 1542 on 97.0 undermodulated w/West Side Story's "America", perhaps Stereo-Jet from unknown location outside Guat City. At 1517 had EZL stn on 91.7 and at 1518-1520 another stn on 91.7 w/SP ad, DJ talking in strange accent, weak; same fq much later at 1754 had SP ad, phone 52-33-88, seemed to ID as "J-M, Zacapa," mentd Edificio Santa Elena; the only Zacapa I know of is in Guatemala; WRTH is no help w/these, of course--pretending FM doesn't exist, and no corresponding calls w/M stns there. Mog tly DR stns for a while, then more Guats at 1825 on 96.0 Guat ad; 1827 on 88.8 Guat history lesson w/ reverb but poor audio; 1827 on 88.1 \$ ads, Gestronela, Centro Hi-Fi, ID as Fabu-Estéreo; mx on 91.9 no doubt \$-Saturno; 1833 on 88.8 nx w/Guat ads, Flash-Econ, poor audio on live mike only; with 88s strong checked 86.0 again but nothing. At 1849 on 95.9, not 96.0 so maybe a diff stn or variant, rapid SP mx mentg a Zona, OK audio, definitely Guat, not // 88.8, and at 1900 still traces of 95.9 tho other Guats gone. 1907 88.8 back in; 1918 88.1, 88.8 and 91.9 for one last gasp before MUF falls below FM. On 28/7 had to settle for another reg of Canal 3, UTC 0144, 6a Avenida ad after credit roll, mix Mex (gh)

NICARAGUA R Sandino hrd by sporadic E FM DX on 98.2 Mhz, 25/7 soon after the opening began from Colombia [qv]: 1358 Nic nx M&W alternating, 1359 "manejar despacio" PSA to save gas; not // 6015. 1401 ID jingle w/fqs but faded exc for "...punto 5 FM". 1403 in drama about Brasil, lo mod but signal fully quieted; still at 1412 check, 1423 running credits--it was the novela "Cacao" by Jorge Amado, which runs M-F at this time, repeated at 4 pm "en Radio Sandino"; filled with Brazilian vocal mx to 1427 mosca PSA, "la salud del pueblo...defensa nacional", 1429 8:29 TC, ID. At 1459 TC for 2:19, ID as "R Sandino, audio de la Revolución, 750 kHz onda media, 107.5 FM," then "Así es Nicaragua," pgm of govt anmts. I suspect not too many FM stns are active in Nic; this was the only definite one, perhaps an unncd STL fq & its main fq is blocked here; only other possibility was on 92.1 at 1415 where I hrd an ad for electronic repair mentioning "córdoba" which could be Nic, but Colombia & Honduras too (gh)

HONDURAS

Also enjoyed some nice FM Es DX from here, one on same fq, 92.1 as Colombia [qv] hrd an hour earlier, 25/7: unID on 99.3 at 1418 tecnología ad, "en tu 99", w/DJ in SP, EG rock, TC as 9:20 so mistake or diff stn such as Panamá than the 99.3 subsequently hrd: 1422 drive carefully anmt, 1455 Metro-Estéreo ID in passing, VP, 1501 "gane con Metro-Estéreo" promo but no clues as to location; the UTC-5 TC earlier could also point to Guatemala if actually on DST tho when I was in Guat City no such stn was hrd on 99.3. More definite catches: 25/7 1437 on 92.1 diploma ad for NCR en Tegucigalpa, Estéreo-Mil ID, 1441 jingle for same, jabón Lempra ad [well, we name rent-a-cars after dollars...], EG rock. And at 1456 on 100.3 SP mixing w/semi-local WXOS, \$, another jabón Lempra ad, one for kilométrico, Al ka Seltzer presenta...la voz de Ariana, apparently name of singer rather than stn; 1502 adstrng mentioning San Pedro Sula and El Progreso; 1509 ad jingle, ad for Publicáricos de Honduras. Don Moore, can you help on these? (gh) Naturally, the WRTH is of no help, refusing to publish FM listings (gh)

MEXICO E FM DX openings in late July not only brought in Colombia [qv] and several Cam/Carib countries but lots of Mexicans, so much more enjoyable than MW/SW DX since audio can approach perfection & you never know what'll pop in next; starting with: 25/7 1539 and earlier rock closer to 90.0 than 90.1 & 94:40 TC, ID as "Estéreo Waco" as it is spelt in listings, presumably Spanish rendering of "Wow"; this is XHSAT, nom. 90.1, 30 kW at Villahermosa, Tabasco, not to be confused with Dominican on 89.1! Again at 1842 rock, 1845 Cristal, películas videocentro, restaurante ad in Colonia Florida, Restaurant Bocas del Rio, ID slogan; and 26/7 2210 mentng Villahermosa, 2216 ad for Alfonso's, ID; 27/7 2358 salsa, ID, 6 pm TC; each time fq slightly separable from fringe signal from WSPF-90.1 Ft Myers FL & more like 90.0 Mhz. Next, several México DF stns: 25/7 1549 more like 92.8 than nominal 92.9 tho lo-

cal WMTI-93.1 may have skewed reading--Novedades ad, Tropi-Q ID, i.e. XEQ, 200 kW. 25/7 1552 on 94.5 cl mx while DF stns nearby were in, Opus 94 XHIMER, format chex as in frequent IMER institutional ads in Mex DF nxpapers via Owen Williamson--no more KLEF in Houston! tho stn is missing from FM Atlas & other listings perhaps due to non-commerciality and recent activation on one of the last remaining 'holes' in the Mex DF FM spectrum. 25/7 1553 on 95.3 mention Nezahualcōyōtl [probably the largest city in the world no one has ever heard of--2 million plus and bigger than Guadalajara--since it's usually lumped into metro Mexico City], no doubt XHSH R Amistad 10 kW México DF, further confirmed by 1600 Grupo ACIR nx; also 27/7 as the opening was dying out at 2331, SP mx briefly on 95.3, then gone--probably this instead of Tampico as had been getting DF area TV and following DF XHSAT-90.0. Back to 25/7 arnd 1600 note that I was also getting PR & VI stns at same time! Then Mex skip shifted to Veracruz: 1604 on 93.3 5 de Mayo addr, lentes ad, phone 31-28-00 in Veracruz; this is XHRS per one source or XHPS per another, 10 kW, FM Globo Stereo. Again 26/7 2207 SP vocal romx, 2223 ad for Papelería Tokio en Veracruz, and ID hrd as "FM Globo Stereo"; 2236 awful audio in ad for Zapatería Rodríguez, ID jingle; 2246 ID again and Tokio ad. 25/7 1610 on 101.3 ID as "PR," i.e. XHPR La Romántica, 160 kW, Hotel San Antonio ad by sexy F voice, en Veracruz; 1617 Hotel Puerto ad there. Again 26/7 2228 romx when other Vcz stns in. 25/7 1612 on 102.1 EZL w/GCI from another SP stn, 1614 ment Vcz; 26/7 2228 romx in \$, 2239 ad for Salinas y Rocha en Plaza Mocambo, 2241 finally ID as "Stereo-Rey," a nationwide chain, call here being XHVE; anti-rabies PSA, Regalos Grélat ad, Festival del Bebé, ID tape suffered from wow tho stn not called this. 25/7 by 1901 the skip had shifted up to Monterrey NL, on 91.7 one of the few totally clear fqs here since WYFR-FM is still not on, mentg gobierno del Distrito Federal but 1903 closing "Noti-Radio" nx w/US baseball scores, "Sonido 90" ID and 1:04 TC, droguerías Monterrey, and local PSA; 1908 Sonido 90 ID again and 330 temp. This is XHXL which in the dim past may have been on 90.7 whence it got its name and where it still appears in some listings. 25/7 1906 on 95.7 a Dos-Equis ad, probably XHRC Monterrey, Estéreo-Rock, and same as SP nx 26/7 2200. 26/7 2202 on 95.3 Tampico's FM Globo Stereo, listed as XHOK, 15 kW, 2204 Carlos Tacos in UPI nx, 286-phone prefix. 26/7 2226 SP on 96.5 probably XHRR La Tropical, Veracruz whilst other Vcz stns in. And 2229 on about 103.8 SP ad w/fanfare, in pesos, Cinema ads, Bradbury films, OC, "...en Eco, trabajando para ti...", Plaza Mocambo shopping center so most be stn listed on 103.7, XHCS, "Eco 103", 60 kW in Veracruz. Its neighbor also seems off fq on 103.0 at 2232, refaccionaria San Martín ad, "Stereo-Oro" ID so that's listed XHXS 30 kW on 102.9. At 2235 on 99.7 SP ad, probably another Vcz stn, XHPS Salsa 99, and at 2246 on 96.9 CCI to WINK probably Jalapa. Of course during all this, Mex lowband TV stns must've been coming in but w/much QRM and I concentrated on FM, noting only: 14/7 2150 SP ch 3 west, 2200 XEW-TV El omo, so XEZ El Zamorano Qro. 20/7 1830 SP from west, probably same, 2000 Round Cero pgm super XEZ ID, & 2007 Para Gente Grande, pgms familiar from SIN at other times; 2150 XEW promo and XEZ ID visual. 24/7 2130 ID 5 mins after WIPM Mayagüez was in, for XEZ. 25/7 arnd 1930 on ch 3, a CONASUPO PSA, surely a Mexican but unID; that's a govt agency acronym. 27/7 at 2310 2 SP stns about 20 kHz apart on ch 3, one w/EG movie subtitled, the other with "Tú Eres Mérida" promo urging nice treatment of turistas, so XHY. 2329 on ch 3, XEW audio ID, no doubt XEZ. 28/7 0058 on 3 XEZ ID & Siempre en Domingo // SIN & WLTV-23.

A few more FM observations not by Es but groundwave as I was driving thru Del Rio & SW Texas: On 107.9 3/8 2140 SP vocal mx, nothing listed in FM Atlas, 2145 IDs as "Estéreo-Hits" or "M-11," I'm not sure which, local adstrng for Piedras Negras, listed elsewhere as XHRC but callsign never hrd, not even at 2159. The stn on 99.9 hrd at 2143 IDing as "Cristal FM, transmite en estéreo-digital"--that's XHSG in Piedras Negras. The Ciudad Acuña stn on 99.7 did not become audible until I was w/in 15 mi of Del Rio, 2219 promo for Feria Amistad Acuña, ads, mentd "hoy Sábado" tho it was Sunday; 2229 DJ IDed as XHPL, Radio Festival, not "la máquina musical" as in some listings; spotty reception even in Del Rio. Noted XERF-1570 4/8 0128 introducing Mozart's Symphony No. 40, but record skipped. The border stns listed in FM Atlas on 105.5 and 95.5 were never hrd, but 99.1 and 94.5 became audible near DelRio. **PUERTO RICO** More sporadic E DX from July: 24/7 2125 on ch 3 giving time in Mayagüez, so WIPM; quickly checked FM and found apparent PR stns on 88.1, 88.9, 89.7 occasionally overriding local WMCU; 92.5, 93.7, 95.7, 96.9. At 2135 on 98.5 ad for Dominican merengues at the Salón Villareal, singing ID as Salsol 98, so that would be WPRM San Juan [calls seldom heard, and taken from FM Atlas #10; many of the stns sound familiar from previous monitoring in the Caribbean]. And on 100.3, Stereo oldies in EG seems Es, see below. 2140 SP mx on 98.9, ad on 98.3. 2143 SP mx in \$. At 2144 on 96.9 \$ pilot but modern religious talk, probably WNKI Manatí tho lo-power. At 2145 95.7 jingle as "Fidelity" ad for Eastern Airlines serving PR; WFID Rio Piedras. 2148 on 96.1 \$ mx in EG, believed PR. At 2149 on 100.3 SP DJ overriding EG semi local WXOS. No PRs listed here, just VI which'd likely be EG; could've been DR stn. 2151 on 104.7 EG rock, likely WKAQ San Juan. At 2154 on 96.5 boxeo ad from WDOY Fajardo; 2156 on 88.1 R Revelación, 88.1 ID, i.e. WCRP Guayama. At 2156 joint visual ID for WIPR-6 & WIPM-3 seen on 3. 2158 88.1 w/obit. 2159 on 98.9 Sensación 99, time as 6 pm, EG rock when most others were out, probably WSAN Vieques. 25/7 while concentrating on Mexico, PR popped in too at 1554 on 95.7, \$, Bud-Lite ad, Luis Freyre store, Fidelity ID, EG rock; on 96.5 SP mx. Later PR dominating: 1621 on 95.7 WFID again claiming to be on "95 y medio"; 1622 on 93.7 playa promo, Z-93 ID [whence calls WZNT for Zeta Noventa y Tres; San Juan]. 1623 on 88.1 SP preacher again; 1625 on 98.5 cerveza, ron ads, rap song, 1628 on 101.9 merengue from WZAR Ponce as hrd later. 1630 on 98.5 merengue, maybe DR as co-chanel from another stn w/ad for studio apts in dólares, Caguas, adstrng, finally Salsol 98 ID. [VI stn also hrd, qv] 1637 on 96.5 ads for voleibol, as heavy local T-storm approached, culminating in one-minute power failure at 1641. 1644 on 96.9 SP gospel, EZL again, 1646 anmt that "nuestra programación gusta más," which I dispute, 12149 TC, live DJ, birth-day wish but no ID. 1652 on 101.9, DJ in SP ad mentg Ponce, so WZAR. 1656 on 106.9 SP romx [WSRA Guayama], 1658 on 107.3 mix of EG and SP; 1702 on 104.1 SP talk overriding WKTR in Maryland, and at 1709 preacher // 105.5. 1704 on 104.7 promo for Instituto Educativo in Bayamón, Carolina. 1707 on 105.5 SP preacher on phone w/hum, seems live remote from NY Cruzada, Bayamón addr [WRFE Aguada]. 1709 on 105.7 SP [WCAD San Juan]. At 1712 on 100.3 \$ merengue, Salsa 98[?] ID at 5-min fast TC for 1:17; not // 98.5 or 98.9; ad for Aguadilla, also mentg Vieques. What is this--a translator? (gh, Tamarac FL) Oh, the 104.1 gospel was WERR Utuado

Tnx to David Gleason in PR, who runs a mx-syndication business Música en Flor, carried on many Lam stns, for some details on my DX: Z-101 on 101.1 is HIGB in Sto Domingo, one of the stns he programs, 50 kW ERP from a 50m tower. 92.1 is "Hits-92", another all-merengue and salsa stn [in which city, and is the callsign actually HITS?]; 89.3[is] Radio Wao; name means nothing. The song hrd on R Wao is "Cole" by New York Band, on Karen Records, the owner of Z-101! And he says 5 new FMs are asked for Sto Domingo, and another 10 to 12 in the interior; several are going to 100 kW

Matt Sittel, 220 Brookfield Dr., Kingsport, TN 37663 (615)239-9186

EDT

Equipt: NE4-Sony STR-AV 340 tuner, GE 7-4875A clock radio, CM 1160 Quantum Antenna at 34' AGL/ 1453' A.S.L.

August 1986

5 Es	1818	WEZF	92.9	VT	743
	1819	WNTQ	93.1	NY	567
	1820	ur ID	93.5	r	
	1821	WKKZ	93.9	NY	563
	1821	unID	94.1		
	1821	WYYY	94.5	NY	567
	1821	CFLX	95.5	PQ	534
	1821	unID	99.7		
	1823	CFGL	105.7	PQ	784
	1823	WPYX	106.5	NY	634
	1826	WLWY	94.3	NY	497
	1829	CBV	95.3	PQ	927
	1830	CJFM	95.9	PQ	783
	1834	CBF-10	101.1	PQ	834
	1835	CJRT	91.1	ON	526
	1835	WQNY	103.7	NY	527
	1836	WKPQ	105.3	NY	486
	1838	CBF	100.7	PQ	783
	1840	CIBL	104.5	PQ	783
	1841	CITE-1	102.7	PQ	834
	1841	WMHR	102.9	NY	567
	1842	CHOM	97.7	PQ	783
	1844	WFZG	100.9	NY	581
	1911	KILO	93.9	CO	1230
	1911	KSPZ	92.9	CO	1230
	1911	KKFM	90.5	CO	1230
	1913	unID	92.5	cj	
	1914	KEZU	94.5	KS	1019
	1916	KJCK	94.5	KS	808
	1917	KRXL	94.5	MO	608
	1918	KDCK	95.5	KS	970
	1918	KZZC	98.9	KS	711
	1919	KWKR	99.9	KS	1044
	1922	KQLS	100.3	KS	1033
	1923	KJCO	100.7	CO	1127
	1923	KVUU	99.9	CO	1241
	1923	KSPK	102.3	CO	1232
	1924	KJLS	173.3	KS	336
	1924	KNAB	104.1	CO	1025
	1924	KRLN	103.9	CO	1254
	1925	KZMC	105.3	NE	1016
	1925	KMXK	105.5	CO	1152
	1925	KQKY	105.5	PQ	943
	1925	KAZY	106.7	CO	1244
	1925	KRXY	107.5	CO	1242
	1926	KSYZ	107.7	NE	912
	1927	KMCX	108.4	CO	1045
	1937	KONT	88.1	NE	906
	1937	KGNV	88.5	CO	1202
	1937	KOSC	90.1	OK	737
	1937	KRVN	93.1	NE	950
	1937	KYEZ	93.7	KS	732
	1938	KMCS	93.9	KS	970
	1939	KNFB	94.3	OK	736
	1939	KEBC	94.7	OK	837
	1939	KXXY	96.1	OK	837
	1941	KECO	90.5	OK	953
	1942	KEXR	91.3	OK	914
	1942	KRLG	92.1	OK	909
	1943	KZBS	98.9	OK	837
	1943	unID	100.3	k	
	1948	KJYO	102.7	OK	837
	1949	KOFM	104.1	OK	837
	1951	KKNG	92.5	OK	737



September 1986

13 Tr	3836	WNKS	102.9	GA	313
	2257	WMBW	88.3	TN	186
	2259	WZEZ	92.9	TN	246
	2301	WDOD	96.5	TN	186
	2304	WUSY	100.7	TN	166
	2306	WSXZ	106.5	TN	186
	2307	WKZZ	107.5	NC	130
	2342	WTQR	104.1	NC	130
	2359	unID	88.7	??	CDT
29 Tr	0651	WZGC	92.9	GA	216
		(first logging on STR-AV 340			
	1550	WHLZ	92.5	SC	246

Greetings to all DXers. As you can see, FM E-skip is gone, but tropo are not. Only logged 1 Columbus FM on the 13th. 29th was interesting. Car radio caught WHLZ surprisingly. 92.5 has WESC on it, very strong here. No sign of Columbia, SC though. The Sony does well on everyday FM's but great on tropo. One problem is: my clock radio acts like an appliance is bothering it. No stations can be received on 92.1 or 92.3. On the Sony it's 92.5 and 88.5. What causes it? Is anything really mean to stereos like that but only on selected frequencies?

I didn't underline all stations on 8-5, as all but KRVN, KXXY and the Texas ones except KDIZ were new, and KISR was not new either. Unfortunately, tape problems made recording the 5th opening bad, and sounds awful. Also caught my first northern opening, too. While on the phone with a friend 3 miles away, we had different stations for awhile. I had KSCB in KS while he had KDSZ in TX. The TX Es on the 5th came in, while the MUF was only ch 4. KNFM was on 92.5 on the 30th. Caught off guard on 28th, did not check tv, had no FM Atlas in car. (Do most DXers carry them in car for emergencies such as this?) (I only carry mine in my car when I go out of town. DB) I thought I had Atlanta when I heard "Power 93" but forgot about KITV.

Now, I would like to announce that the "Bumper Sticker Trading Post" is under planning by none other than me. Many DXers have expressed interest in it, so I am going to hopefully get it going. What I have planned is this: The DXer will send in 10 of his local station's bumper stickers along with \$1 to cover postage. In return, 10 bumper stickers, all different, will be returned, along with promotional info if received. At first, I suggest that no money be sent in. At first, just send in the stickers. If you have more than 1 set of 10 you would like to send in and not receive any in return, or send in 2 sets but only want 1 sent back would be fine. Really, it means if you can send in many of them, or donating, really please do. With the help of all DXers, you can get an assortment of bumper stickers from all across the USA, and you Canadians are welcome, too, as to make a REAL assortment. Also, tell your non-DXer friends who collect them to send in, too. Maybe it can be a huge thing. So, by the time you are reading this, I will be ready for them, so send them on in. If you have comments, suggestions, etc., let me know. Also I hope to make a 90 minute tape full of ID's of all sorts, which I hope to have ready for sale or trade by the time this is read. I'd be interested in hearing other DXer tapes, too. Already I have heard tapes of ID's from Dave Nieman and John Sullivan. Thanks a lot! They were great. Hope to hear from you DXers out there, so I can get the bumper sticker trading post going and growing.....73's. (And I still have TVG's to get rid of.)

Bill Townshend, 4500 Conn. Ave., NW #901, Washington, DC 20008

EDT

Equipt: Fortavision 55

6/9 tr

0755 WSVS 104.7 VA Crewe, k

6/10 tr

0755 WCVI 102.9 VA Norfolk

6/19 tr

0753 WNNN 101.7 NJ Canton, g

7/20 tr

0920 WXXI 105.3 VA Portsmouth

8/1 tr

0810 WRAR 105.5 VA Tappahannock

0848 WCTD 107.1 MD Federalburg

0806 WESR 103.3 VA Cranock

8/8 tr

0849 WCAU 98.1 PA Philadelphia

traffic rpt. on NJ 70

John B. Mannel, 819 Center St., #232, Ruston, LA 71270

Hi, I'm a former member of WTFDA from about 10 years ago; guess the itch hit me again and I rejoined. I am attending Louisiana Tech University and majoring in electrical Engineering Technology and living in Ruston, LA, about 70 mi. east of Shreveport. Equipment hasn't changed much in 10 years, although I did purchase a Proton 300 receiver advertised as "The Radio" Really can't say it's "The Radio" for FM DXing, but it has an IHF sensitivity rating of 1.0 microvolt (@ 300 ohm input). I like the digital readout and ability to tune in between channels, i.e. continuous, also have a Pioneer SX-1050 receiver(1977) but don't use it for DXing because the ganged tuning capacitor is gone. Guess one thing manufacturers of hi-fi equipment don't think about is all the dial turning DXers do! (Maybe they were in 1974 when I bought my Pioneer TX-9100 that still works fine. DB) Have a small double-driven FM antenna from Radio Shack mounted in the attic of my apartment, (had one on roof but manager made me take it down) pointed due west towards Dallas. Only good catch I've made here is reception of my first translator, 96.7 Texarkana, TX, 115 mi. Main station 101.7 KXAR Hope, AR. (Rest of report consisted of local news and forwarded to Bruce Elving. DB)

Eric Bueneman, 836 Lamplight Lane, Hazelwood, MO 63042

8/18 tr (from Lincolnshire, IL vacation)

2133 WNZF 94.3 IN Plymouth

2134 WJFM 92.7 MI Grand Rapids

2137 WDCW 92.1 MI Dowagiac

2140 WVPE 88.1 IN Elkhart

8/18 tr

2145 WCOA 105.7 MI Grand Rapids

2147 WVCY 107.7 WI Milwaukee

(Between WGOI 107.5 and WAUR 107.9)

2150 WMYX 99.1 WI Milwaukee

Keith Fugh, 227 Martin St., New Hope, AL 35760

Squipt: J. C. Penny #3921 portable, Archer 18db amp, Archer 6 el. at 30' AGL

6/7 Es
 1145 KUWH 91.9 WY 1130
 1153 KNEB 94.1 NE 1060
 1206 KRQU 102.9 WY 1130

6/8 Es
 1024 KKLS 93.9 SD
 1045 KRCS 93.1 SD 1140
 1048 KSDZ 95.5 NE 996
 1227 KFKB 95.7 CC 1075
 1233 KHIH 94.7 CC 1085
 1239 KEGC 97.3 CC 1085

6/10 Es
 1141 WFCR 88.5 MA 920
 1143 WOKQ 97.5 NH 1015
 1144 WHE 97.3 PA 640
 1152 WEDC 92.3 ME 1082
 1157 WHMP 99.3 MA 910
 1158 WSSH 99.5 MA 968
 1159 WJJB 97.7 NY 820
 1200 WJNH 91.3 NH 995
 1201 WROW 95.5 NY 875
 1203 WCTY 92.1 PA 649
 1215 WRKS 98.7 NY 790
 1218 WNUA 91.1 MA 920
 1234 KAMZ 93.1 TX 1160
 1236 WKQS 99.9 FL c76
 1240 JBC 91.1 Jamaica ?
 1255 KINT 93.5 NM 1030
 1908 JBC 97.3 Jamaica
 1917 unID 91.3 "Stereo Hoya"
 2129 KUNM 90.1 NM 1160
 2136 KRWG 90.7 NM 1165
 2159 KBNL 89.9 TX 890
 2228 KQXT 101.9 TX 765
 2230 KPEZ 102.3 TX 710
 2233 KSAW 96.1 TX 795
 2236 KTFM 102.7 TX 765
 2251 KOCV 103.1 TX 718
 2261 KGNZ 88.1 TX 760
 2263 KCCV 91.3 TX 935
 2265 KATX 97.3 TX 870
 2269 KFML 98.7 TX 875
 2319 KRZA 88.7 CC 1110
 2329 KFLQ 91.5 NM 1160
 2332 KAKW 105.9 NM 1085
 2341 KET 94.1 NL

6/11 Es, cont.
 0003 XHXL 91.7 NL
 0013 XHRK 95.7 NL
 0049 KRKE 94.1 NM 1160
 0050 KNYN 95.5 NM 1085
 0108 KQIZ 93.1 TX 875
 0904 XHRS 93.3 VER, tent.
 0906 XHRN 96.5 VER
 0918 XHRF 101.3 VER, tent
 0923 XHFB 99.7 VLM
 1000 KWMJ 103.3 TX 925
 1009 KFJH 94.3 TX 970
 1015 KRNA 97.5 TX 1160
 1039 KATC 103.9 TX 910
 1045 KBFY 104.1 TX 900
 1056 KSCX 101.7 TX 860
 1057 KVLV 107.9 TX, ex tr 900
 1100 KRIK 99.5 TX 880
 1104 KBLT 94.5 TX 870
 1112 KZEW 107.9 TX 730
 1131 KLVW 96.1 TX 870
 1154 KIJN 92.3 TX 930

6/11 Es
 1200 KGAR 106.3 TX 885
 1206 KUHF 88.7 TX 620
 1206 KOYE 94.9 TX 895
 1221 KIOE 99.9 TX 810
 1126 KITY 92.9 TX 765
 1223 KEXL 106.7 NE 780
 1240 KHOK 100.7 KS 740
 1244 KTNR 92.1 TX 760
 1254 KAJA 97.3 TX 765
 1300 KTSO 91.1 SD 950
 1301 KCLP 88.5 TX 900
 1302 KAZI 88.7 TX 700
 1307 KKIT 105.9 SD 895
 1321 KCGN 101.5 NM 920
 1323 KZZY 103.5 ND 1130
 1324 KACA 106.5 MN 1020
 1328 KBRF 103.3 MN 980
 1336 KBJJ 107.1 MN 855
 1339 KRYA 88.5 ND 1200
 1345 KDCM 94.3 MN 800
 1400 KBQW 99.9 ND 1210
 1521 KGOV 99.9 NE 700
 1539 WHC7 88.3 VA 580
 1544 WFOG 90.3 VA 560
 1551 WBRG 97.3 VA, prev. ms 570
 1554 WCCQ 103.9 MD 640
 1559 WKHI 99.9 MD 650
 1603 WOLC 102.5 MD 629
 1608 WJCC 97.5 MD 630
 1610 WAFI 97.7 DE 660
 1611 WSEA 93.5 DE 659
 1617 WWAY 95.1 NJ 710
 1622 WDSO 94.7 DE 661
 1630 WBJR 100.9 CA, tent.
 1636 KAWG 103.1 AB 1230
 1700 KKK 96.1 MB 1261
 1717 KHTT 97.1 IL 1210
 1723 KFTC 101.9 IL 1220
 1726 KIZZ 93.7 ND 1210
 1730 KLFH 88.9 NE 1210
 1745 KLF 91.9 NC 1085
 1746 KFL 92.1 GA 1415
 1750 KFL 96.1 MD 1280
 1800 KGGH 97.1 MT 1300
 1807 KDS 101.1 ND 1280
 1840 KLLI 96.3 TX 880
 1901 KTX 88.1 TX 880
 1910 KXXV 96.1 CA 875
 1916 KBU 94.1 TX 875
 2030 f/out

6/12 Es
 0936 KLYT 88.3 NE 1160
 6/14 Es
 0900 KRTZ 98.7 CL 1240
 0906 KRZA 88.7 CO 1110
 0917 KRST 92.3 TX 1160
 0938 KLYT 88.3 TX 1160
 6/15 Es
 1154 KSDN 94.1 SD 1120
 1155 KYYV 92.9 ND 1165
 1157 KRNA 91.3 NL 1240
 1159 KOND 90.5 NL 1165
 1200 KESD 88.3 SD 915
 1209 KYYZ 96.1 NE 1280
 1215 KJIA 88.5 ND 1200
 1246 KNCM 92.5 MT 1300
 cont.....

6/15 Es
 1318 KIKG 101.3 MT 1310
 1721 WAYU 93.9 ME 1095
 1726 WJKN 99.3 ME 1205
 1727 WMMR 96.3 ME 1070
 1734 WHOM 94.7 NH 1025
 1735 WDBX 98.5 ME 1096
 1738 WHGC 94.3 VT 900
 1739 WCVN 100.9 VT 949
 1740 WCVR 102.3 VT 949
 1748 WEFZ 92.9 VT 960
 1750 WGGY 93.7 MA 959
 1800 WMLR 91.5 VT 1019

6/17 Es
 1148 KRCS 93.1 SD 1140
 1154 KKLS 93.9 SD 1120

6/18 tr
 1050 WFGA 100.9 GA 207
 1056 WBYZ 94.5 GA 292
 1106 WUFF 92.1 GA 245
 1144 KTXR 101.5 MC 425
 1158 KCFX 100.7 MO 500
 1212 KBEA 107.9 AR 450

6/25 Es
 1542 KNEB 94.1 NE 1060

6/28 tr
 2001 WLTR 91.3 SC 307
 2041 WSSL 100.5 SC 240
 6/29 tr (while WAHR off)
 1109 WAYS 99.1 GA 197
 1124 KTMO 98.9 MO 238
 1205 WFMQ 99.1 MS 317
 1214 WSWG 99.1 MS 237

ms
 1222 WMYX 99.1 WI, calls 585

7/7 Es
 1127 JBC 91.1 JAM
 1136 WJNZ 94.9 FL 710
 1136 WJVE 93.9 FL 710
 1139 WRMF 97.9 FL 665
 1144 WIRK 107.9 FL 660

A number of great Es openings this season. June 11 was outstanding! June 10 wasn't bad considering it extended into the morning hours of the 11th. As I see it, this has been an above average season, at least compared to the last 3 seasons, but that covers my whole DXing experience. So I don't know what should be an average season, really. Whatever, I'll take it! Hope all had an above average skip season. 73s. **EDITOR'S NOTE:** Keith also discusses the DX, some of it super that the ex-editor failed to print. In Nov. '85 I had a few days with minor trop, added 13 new, then in Dec. I had some luck with meteor scatter, 5 new. Dec. 20th '85 gave an Es opening to TX and MX, only 2 new. Then I had luck with weak trop thru the rest of the winter with around 17 new from Dec. '85-Feb 16th, '86. And the best tropo ever for me took place Feb 18-21. 31 new with that trop event and new record trop--KVLV Edinburg, TX 107.9 at 900 miles on Feb. 19th and on Feb. 20 XHAAA 93.1 Raynosa at 925 mi. (How disgusting that the ex-SFM editor has caused us to be kept in the dark until now of such a notable tr event even if it was simply because his station management sent back some reports. DB) From then on till May 1 DX was dead with only a few relogs. E-skip opened here full swing on May 10th and stayed very active most of the summer.

Hank Holbrook, 7211 Chestnut St., Chevy Chase, MD 20815

Stations logged and reported from our cottage at Fair Haven Cliffs, MD overlooking the Herring & Chesapeake Bays 15 mi. below Annapolis, MD. All tr except first logging.

8/11 ms
 0835 WJIS 88.1 FL Bradenton, g 1035
 8/13 tr
 1255 WRVV 90.7 NC Elizabeth City 170
 8/14
 1112 WBBE 107.9 CN Westport, r, ads 250
 2345 WRHU 88.7 NY Hempstead 210
 "The Long Island Sound"

7/7 Es
 1145 WMXJ 102.7 FL 700
 1147 WAXY 105.9 FL 710
 1148 WJIA 97.3 FL 709
 1152 WJNY 94.3 FL 660
 1154 WJRN 91.3 FL 709
 1157 WLYF 101.5 FL 709
 1158 WKGR 98.7 FL 619
 1200 WCLL 101.7 FL 610
 1207 WKFX 88.5 FL, tent.,
 (ph #748-2828)

7/9 Es
 0948 KAYN 95.5 NM 1085
 0950 KRZA 88.7 CO 1110
 0958 KRCB 99.9 TX 810
 1047 KAMZ 93.1 TX 1160
 1049 KTEP 88.5 TX 1160
 1050 KEBZ 93.9 TX
 1100 KLTG 94.7 TX
 1141 KLYT 88.3 NM
 1152 KRKE 94.1 NM
 1158 KRST 92.3 NM

7/10 Es
 0855 WJYJ 94.3 ME 1035
 0858 WZBC 90.3 MA 969
 0904 WHRB 95.3 MA 970
 0905 WJLS 93.5 NS 1280+
 0910 WKCI 101.3 CT 875
 0913 WCRB 102.5 MA, prev. ms 980
 0921 WNGX 93.1 ME 1060
 0930 WHCF 88.5 ME 1160
 0937 CIOO 100.1 NS 1310

tr
 0942 WRJT 107.1 TN 130
 Es
 0943 WPAT 93.1 NJ 788
 0948 WJLK 94.3 NJ 735
 0950 WTCN 90.5 MA 925
 1029 CKHJ 93.1 NB 1280
 7/12 Es
 1851 KEZB 93.9 TX 1160
 1852 KAMZ 93.1 TX 1160

8/15
 0116 WNWK 105.9 NJ Newark, ads 180
 0201 WHTZ 100.3 NJ Newark, contest prizes, ads, NYC wx 180
 8/17
 0550 WNCN 107.9 NC Greenville, Fighting it out with WBBE. WFSI off with apparent transmitter trouble. Beautiful music 230

SOUTHERN FM DX			
Dyer, cont.			
NOVEMBER 1986			
4/25 Es			
1104 WKFX 88.5 FL Sunrise			
1106 WMCut 98.7 FL Miami, g			
1108 WRMB 89.3 FL Boynton Beach, wx, ID			
1110 WSWN 93.5 FL Belle Glade, ads			
1122 WOVV 95.5 FL Fort Pierce, ID			
1124 WGYL 93.5 FL Vero Beach, ads			
1129 WMNF 88.5 FL Tampa, ID			
1136 WYNF 94.9 FL Tampa, ads			
1154 f/outs			
1450 WTEB 89.5 NC New Bern			
1515 WXLkt 92.3 VA Roanoke, r			
1520 WKST 98.7 NC Greensboro, ad			
1522 WL/K 96.9 NC Statesville, k-97,k			
1523 WQDR 94.7 NC Raleigh			
1524 WESC 92.5 SC Greenville, ID			
1528 WWWI 94.5 NC Eden, ads			
1529 WFDI 88.5 NC Winston-Salem			
1531 WRVQ 94.5 VA Richmond, ads			
1543 WRVL 88.3 VA Lynchburg, ID			
1553 WFSS 89.1 NC Fayetteville, NC wx			
1557 WSHA 88.9 NC Raleigh, NC nx			
1605 WRNST 95.1 NC Kinston, k			
1610 f/outs			
4/30 Es			
0910-0913 unID 89.7 ne			
5/5 Es			
0849 WINZ 94.9 FL Miami Beach, ad			
0855 WFIN 92.5 FL Key West, wx			
0859 WMCU 89.7 FL Miami, g, ID			
0910 WCMQ 92.3 FL Hialeah, Sp., ads			
0916 WMNF 88.5 FL Tampa, j			
0947 f/outs			
5/7 tr			
0035 WCKW 92.3 LA Laplace, ads			
0059 KDAQ 89.9 LA Shreveport, ID			
0144 KRNG 92.5 OK Oklahoma City, m, ID			
0157 KEBK 94.7 OK Oklahoma City, k, ID			
0202 KZBS 98.9 OK Oklahoma City, r, ID			
0217 KDNT 94.5 TX Gainesville, ads			
Es			
0950-0957 unIDs 88-92.3 ne			
5/9 tr			
0011 WCKWt 92.3 LA Laplace			
0021 KRKFt 89.3 LA Baton Rouge			
5/10 Es			
0922 WVIC 94.9 MI E. Lansing, ad			
0926 WKDDt 96.5 OH Akron, r			
0930 WQOD 93.3 OH Youngstown, ID			
0931 WPRO 99.1 OH Fremont, ID			
0933 WGNR 88.9 MI Grand Rapids, ID			
0937 WJMK 104.3 IL Chicago, ad			
0940 WMSU 106.9 MI Muskegon, "107-MUS"			
unID 107.9 MUF			
0544 WHSB 107.7 MI Alpena, ad			
0946 WMHE 92.3 OH Toledo, ID			
0949 WCAI 92.3 MI Detroit, ID			
0951 WLLZ 98.7 MI Detroit, ID			
0955 WJMC 94.7 MI Birmingham, ad			
WCSB 94.5 OH Fort Clinton, ad			
0956 unID 93.5 CAN			
1000 CJFI 99.9 ON Sarnia, ID			
1004 WCRZ 107.9 MI Flint, Cars-108			
1014 WDEY 103.1 MI Lapeer, ad			
1017 WTEV 97.7 MI Sandusky, WMIC AM ID 1250			
1025 KGRQ 94.5 WI Casper, ID			
1030 KFBQ 97.9 WY Cheyenne, Q-98			
1104 KYOU 92.5 CO Greeley, ID			
1133 KQPI 99.1 ID Idaho Falls, ad			

For all the trouble the heavy rains caused during late Sept.-early Oct., little good came out of it like long haul trop. It rained over 12 inches here in a week with hardest hit places getting kinda close to the OK annual average of 32 in. Here in the county catastrophic flooding happened along the Cimmaron River with all 11 bridges across it closed for a time. Three huge ones were destroyed. It flooded here in town, too, but with little destruction since the local flood plains are mostly undeveloped. Two nights after the rains ended it was interesting how the signal levels from several of the Tulsa stations nearly doubled in strength.

I now have all the DX reports received printed, though Pat Dyer's report may have to continue next month as things are about to get out of hand this month. If you had a report that didn't get in you're welcome to try again to send one in. Many thanks again to Eric Bueneman for kindly forwarding to me the many reports he had been holding, helping to get my return to SFM off to a more than plentiful start. 73.

SOUTHERN FM DX			
Dyer, cont.			
NOVEMBER 1986			
4/25 Es			
1104 WKFX 88.5 FL Sunrise			
1106 WMCut 98.7 FL Miami, g			
1108 WRMB 89.3 FL Boynton Beach, wx, ID			
1110 WSWN 93.5 FL Belle Glade, ads			
1122 WOVV 95.5 FL Fort Pierce, ID			
1124 WGYL 93.5 FL Vero Beach, ads			
1129 WMNF 88.5 FL Tampa, ID			
1136 WYNF 94.9 FL Tampa, ads			
1154 f/outs			
1450 WTEB 89.5 NC New Bern			
1515 WXLkt 92.3 VA Roanoke, r			
1520 WKST 98.7 NC Greensboro, ad			
1522 WL/K 96.9 NC Statesville, k-97,k			
1523 WQDR 94.7 NC Raleigh			
1524 WESC 92.5 SC Greenville, ID			
1528 WWWI 94.5 NC Eden, ads			
1529 WFDI 88.5 NC Winston-Salem			
1531 WRVQ 94.5 VA Richmond, ads			
1543 WRVL 88.3 VA Lynchburg, ID			
1553 WFSS 89.1 NC Fayetteville, NC wx			
1557 WSHA 88.9 NC Raleigh, NC nx			
1605 WRNST 95.1 NC Kinston, k			
1610 f/outs			
4/30 Es			
0910-0913 unID 89.7 ne			
5/5 Es			
0849 WINZ 94.9 FL Miami Beach, ad			
0855 WFIN 92.5 FL Key West, wx			
0859 WMCU 89.7 FL Miami, g, ID			
0910 WCMQ 92.3 FL Hialeah, Sp., ads			
0916 WMNF 88.5 FL Tampa, j			
0947 f/outs			
5/7 tr			
0035 WCKW 92.3 LA Laplace, ads			
0059 KDAQ 89.9 LA Shreveport, ID			
0144 KRNG 92.5 OK Oklahoma City, m, ID			
0157 KEBK 94.7 OK Oklahoma City, k, ID			
0202 KZBS 98.9 OK Oklahoma City, r, ID			
0217 KDNT 94.5 TX Gainesville, ads			
Es			
0950-0957 unIDs 88-92.3 ne			
5/9 tr			
0011 WCKWt 92.3 LA Laplace			
0021 KRKFt 89.3 LA Baton Rouge			
5/10 Es			
0922 WVIC 94.9 MI E. Lansing, ad			
0926 WKDDt 96.5 OH Akron, r			
0930 WQOD 93.3 OH Youngstown, ID			
0931 WPRO 99.1 OH Fremont, ID			
0933 WGNR 88.9 MI Grand Rapids, ID			
0937 WJMK 104.3 IL Chicago, ad			
0940 WMSU 106.9 MI Muskegon, "107-MUS"			
unID 107.9 MUF			
0544 WHSB 107.7 MI Alpena, ad			
0946 WMHE 92.3 OH Toledo, ID			
0949 WCAI 92.3 MI Detroit, ID			
0951 WLLZ 98.7 MI Detroit, ID			
0955 WJMC 94.7 MI Birmingham, ad			
WCSB 94.5 OH Fort Clinton, ad			
0956 unID 93.5 CAN			
1000 CJFI 99.9 ON Sarnia, ID			
1004 WCRZ 107.9 MI Flint, Cars-108			
1014 WDEY 103.1 MI Lapeer, ad			
1017 WTEV 97.7 MI Sandusky, WMIC AM ID 1250			
1025 KGRQ 94.5 WI Casper, ID			
1030 KFBQ 97.9 WY Cheyenne, Q-98			
1104 KYOU 92.5 CO Greeley, ID			
1133 KQPI 99.1 ID Idaho Falls, ad			

NORTHERN FM-DX

Joseph Fela
150 Robert Place
So. Plainfield, N.J. 07080
1-201-755-3852

NORTHERN FM DX

NOVEMBER 1986

NOVEMBER 1986

Deadline: 8th of the month

Band conditions from mid-August thru most of September could best be described as winter-like. Even mild tropo was absent on many dates during this period. However, a rare September skip opening on the 24th did provide a few loggings for some of us. At least five DXers did get in on this opening, but all noted it after it was peaking out. Does anyone know when it started?

FRANK MERRILL - P.O. BOX 669 - MACOMB, ILLINOIS

(Continued from last issue...)

JUNE 1986

11 Es from FARGO, NORTH DAKOTA (CDT)
1917 KACT 105.5 TX Andrews, k,wx,"Country KACT". Wheee...I had WACT here earlier
1921 KISJ 104.1 TX Brownwood, "Stereo 104.1, KISS-FM", ads, Central TX wx.
1929 KORQ 100.7 TX Abilene, temp "at KORQ"
1942 KBAT 93.3 TX Midland, "ROCK 93 KBAT"
1945 KJYK 94.9 AZ Tucson. Perfect ID!
GW
1950 KJKJ 107.5 ND Grand Forks, now r, and "KJ-108"

Es
2010 KLCY 94.1 UT Salt Lake City "KLCY" and SLC ad
2015 KLPX 96.1 AZ Tucson, "Tucson's only rock and roll station"
2025 KIKO 100.3 AZ Globe, ID after song, r, still mono.
2032 KOOL 94.5 AZ Phoenix, SID
2038 KNIX 102.5 AZ Tempe, ID before song
2039 KMIE 107.9 AZ Chandler, promo, g
2046 KZZP 104.7 AZ Mesa, ID between songs
2053 KJMB 100.3 CA Blythe, snuck in an ID thru dominant KIKO; consider best CA bet from Macomb, too.

2103 XHBA 104.1 MEX/BCN Mexicali, c format, in SS, mention Mexico
2109 KQEZ 103.9 AZ Coolidge, calls after ad
2111 KSLX 100.7 AZ Scottsdale, CLASSIC 100 History or Rock & Roll
2117 KKFR 92.3 AZ Glendale, "FIRE" station promo, r
2123 FINALLY start heading for Grand Forks

Final Tally - 80 Es signals IDed (72 at 100.1 or higher), 18 states logged plus Mexico

JUNE 15th at BRANDON, MANITOBA (CDT)

Es
Low 50s and rainy, not Es weather!
1513 WDHP 96.9 ME Presque Isle, "The hottest hits...on 96.9 WDHP".
Nothing else on TV or FM!

DAVE NIEMAN - AKRON, NEW YORK - 14001-9529

Equipment: Carver TX-11 tuner, CM Stereo Probe 9 at 25' (815' ASL), RG-11 coax

SEPTEMBER 1986

3 GW
1925 WITU 103.5 NY Cobleskill r\$, "U-103" 205
13 Tr
0900 WETS 89.5 TN Johnson City t\$, (NPR) 504
17 Tr and GW
0929 WTTY 93.5 NY Watertown \$(testing) 149
1424 CKLH 102.9 ON Hamilton, \$(testing) 68

JUNE 15 (cont'd.)

GW
1830 KZPR 105.3 ND Minot is now "MAGIC 105"
Es
1842 KECO 96.5 OK Elk City, promo
1845 KFMN 107.9 TX Abilene, "ROCK 108" mentioned KASL-1560.
1848 KRPT 103.7 OK Anadarko, SID
1850 KKQV 103.3 TX Wichita Falls, "QV-103" and Texas' Music Authority
1908 KWOX 101.1 OK Woodward, Okla's best k, "K-101"
1911 KLaw 101.5 OK Lawton, wx, "K-Law"
1912 CIGV 100.7 BC Penticton, Penticton & Princeton ad
1918 CFFM 98.3 BC Kamloops, ads
1929 CHRK 97.5 BC Kamloops, "K-97" with Expo ad
1943 KORQ 100.7 TX Abilene, "Q-100" wx, KORQ calls
2000 CBUS 91.3 BC Hundred Mile House CBC mono, never gave ID on hour, not even CBU
2007 KFMX 94.5 TX Lubbock, "94FMX"
2009 KALS 97.1 MT Kalispell, KALS call
2015 KUEZ 102.5 MT Missoula, "It's coming to Missoula."
2020 KWSI 96.5 OR Warm Springs PSA: Warm Spring Indian Reservoir
2033 KZZK 102.7 WA Richland, Tri-City ads, Pasco ad
2036 KWHT 103.5 WA Walla Walla, WW college ad
2040 KFAT 106.1 OR Corvallis, "K-FAT-106"
2043 KHWK 106.5 WA Richland, "106 1/2, K-Hawk FM", promo
2046 KYTE 101.1 OR Portland, I-102 & Hwy 99 in ad., faded back anncing next c piece
2048 KKRZ 100.3 OR Portland, "Z-100", r
2117 KLTQ 93.3 UT S.L.C., "K-Light"
2125 KLCY 94.1 UT S.L.C., song about SLC, buried by m
2134 KLRZ 94.9 UT Provo. Tent., ad for Trafalgar Amusement Park - I don't know where this park is.

32

dave

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, N.Y. - 13041

EDT

Equipment: Receivers - Heathkit AJ-15 and Carver TX-11a tuners

Antenna - Channel Master Stereo Probe 9 with rotor at 30' with pop-up mast

AUGUST 1986

5 Es 1839-2045 to south and sw - MUF 108+
1847 KCIL 107.5 LA Houma "ALL hits KCIL" 1238
1854 WCHK 105.5 GA Canton, ID
1858 WLTS 105.3 LA Slidell, "LITE-105" wx/ID
1909 WKJN 103.3 LA Hammond, "CAJON-103 FM"
1913 KHOM 104.1 LA Houma, "FM104", local ads
1922 WYNK 101.5 LA Baton Rouge, "WINK" wx
1927 KVTT 91.7 TX Dallas, g program SW Radio Church

5 GW

2017 WJNY 90.9 NY Watertown, //WCNY //WUNY 60

23

Procured Carver TX-11a tuner to replace aging Heathkit AJ-15

26

Refurbished/reinstalled Stereo Probe 9 ant.

New Carver tuner and reinstalled/refurbished antenna really rejuvenated the FM DXing here. The very sensitive system pulls in weak signals including a lot of meteor scatter bursts. It's good to hear 150+ mile stations on adjacent channels of locals - static free... e.g. CKLN-88.1 Toronto despite 88.3 WAER. Totals now up to 1238. I enjoyed the WTFDA Convention at Jamestown... Mike has quite an impressive DX location! 73 - Fred.

BILL NOLLMAN - BOX 184 - RFD#1 - BOZRAH, CT. - 06334

JULY 1986

9 Es

1813 WBRC TV6 AL Birmingham 975
1821 WAPI 94.5 AL Birmingham "I-95" 975
1824 WLTB 99.5 AL Birmingham "LITE 95 FM" 975
1826 WZZK 104.7 AL Birmingham 975
1833 WONE 98.5 FL Panama City, "GENIE" 1090
10 Es
0953 WCMQ 92.3 FL Hialeah, Spanish 1190
0955 WPCB 94.9 GA Atlanta 875
0955 WINZ 94.9 FL Miami Beach 1190
0959 WONA 96.7 ?? Wenonah, poss AL, GA, ILL (It's WONA Winona, MS - jf)

1000 WBLI 95.9 AL Tuskegee 975
1005 WLWI 92.3 AL Montgomery 1000
1014-1024 FL usuals WTNK, WVFM, WYNF, WPDS
1036 WLVE 93.9 FL Miami Beach "LOVE 94" 1190
1043 WMXJ 102.7 FL Pompano Beach 1160
1046 WONE 98.5 FL Panama City 1090
1052 WXOS 100.3 FL Plantation Key
1056 WJST 94.5 FL Port St. Joe 1100
1101 WTYX 94.7 MS Jackson 1200
1107 WAYK 99.5 FL St. Pete 1115
1110 WAVE 102.5 FL Sarasota 1140
1111 WDUV 103.3 FL Bradenton 1150
1148 WSEI 92.9 IL Olney (where the h--- did this one come from??) 860

14 Es

1722 WZGC 92.9 GA Atlanta, "Z-93" 875
1729 WZEE 92.9 TN Nashville 875
1815 WTYX 94.7 MS Jackson
1817 WYNN 96.3 MS Jackson, "CLASS 96"
1819 WQMV 98.7 MS Jackson, "Q99"
1823 WMAA 91.3 MS Jackson, "PRM" 1200
1825 WLIN 95.5 MS Jackson 1200
1826 WLTB 99.5 AL Birmingham
1826 WJMI 99.7 MS Jackson

33

AUG 27 Tr

2201 CKLN 88.1 ON Toronto, ID 167
2237 WKYN 97.5 PA St. Marys, "97-KYN" 171
31 Tr
1740 WFRM 96.7 PA Coudersport, r 135
1835 WFTI 103.9 PA Kane, local ad/ID 170
1931 CBCD 96.7 ON Pembroke, CBC talk 192
2055 WLTW 106.7 NY New York, "LITE-FM" ID/wx
2156 WHOM 94.9 NH Mt. Washington, b mx, ID
2159 WEZF 92.9 VT Burlington, b mx/ID

SEPTEMBER 1986

1 GW
1406 CBQF9 88.7 PQ Chapeau, FFC, //102.1 // 98.1 197
1831 CFLG 104.5 ON Cornwall, ID, wx, MOR mx 168
2048 WCOD 106.1 MA Hyannis, "106-FM", r 316
2 Tr
1829 WJSL 90.3 NY Houghton "FAMILY RADIO" 106

JULY 14 Es (cont'd)
1900 WMSI 102.9 MS Jackson (7 down - 2 to go!!) 1200
1902 WLHQ 96.9 AL Enterprise, "Q97" 1005
1908 KQID 96.9 LA Alexandria WOW!! 1315
1925 KNOE 102.1 LA Monroe 1250
1939 WMRQ 103.3 MA Boston, "Q-103", new calls, GW reception.
1950 KZOU 98.5 AR Little Rock "ALL HITS ZOO 98" 1220
1952 KZLE 93.1 AR Batesville, "93FM" 1120
2000 Return to MS Es.....
18 Es
1305 KLOH 98.7 MN Pipestone 1235
1312 KDMI 97.3 IA Des Moines, mono 1105
1327 KXLP 93.1 MN New Ulm, "XL 93" 1140
1337 KRIT 96.9 IA Clarion 1105
21 Es
1956 WAAC 92.9 GA Valdosta 975
23 Tr
0744 WRDR 104.9 NJ Egg Harbor City
0749 WSNJ 107.7 NJ Bridgeton
0752 WMJY 107.1 NJ Long Branch, "Y-107"
0755 WMVB 97.3 NJ Millville 210
0839 WADB 95.9 NJ Pt. Pleasant
0843 WSEA 93.5 DE Georgetown, "SEA93"
0847 WKHI 99.9 MD Ocean City
0855 WLQE 99.3 NJ Pleasantville

ALL NYC FMs near FULL STRENGTH AT 1930 HRS
2021 WNBR 100.7 NJ Wildwood
2022 WOLC 102.5 MD Princess Anne 310
2032 WESR 103.3 VA Onley/Onancock
25 Tr
0810 WHYY 90.9 PA Philadelphia 190
0815 WXTU 92.5 PA Philadelphia 190
1929 WXJY 96.3 PA Nantucket 110
1934 WMVY 92.7 MA Tisbury "Album Radio" 80
1954 WQMR 91.9 MA Provincetown finally!! hi Ernie!! 110

(Bill Nollman's DX, continued...)
JULY 25 Tr (cont'd.)
2015 CBHY 92.1 NS Yarmouth, mono 325
2027 CKO 103.5 NS Halifax 450
2031 CIOO 100.1 NS Halifax, "C-100" 450
2032 CBHA 90.5 NS Halifax, // CBHY 450
2036 CBFA-19 92.3 NS Halifax, mono 450
2037 CBH 102.7 NS Halifax 450
2042 CFRQ 104.3 NS Halifax, "Q-104" 450
2100 WGAO 88.3 MA Franklin 55

Highlights of this report are my first Canadian stations with incredibly strong tropo into Nova Scotia where I could literally tune any Halifax station at will, and did six out of the seven! Interestingly when I got the duct about 8:30 p.m., Mike Bugaj 50 miles to the north had nothing. It did, however, get his way 'bout 11 p.m. Long after it had died out here. (It was noted that morning and lasted to about 0100 the following morning here in NJ - jf) He had just as good of luck too!! The other super day was the 18th when I was reassured that the midwest still existed. I snagged a couple weak Iowa's and got my first Minnesotians. This Es season has been super as it is my first concentrated attempt at Es with 76 new FMs since May plus another 13 via tropo. Totals now at 313 stations, 99 via Es,, 2 via MS, 20 states plus one Canadian BUT still 3 empty frequencies. -Bill

SCOTT M. HOOD - 7 AUBURN ROAD - BEVERLY, MASS. - 01915-2501 EDT
MAY 1986
We 21 Es
1125 WENN 107.7 AL Birmingham 1125
Su 25 Es
1245 WJCL 96.5 GA Savannah, EZ 975
1255 WQXI 94.1 GA Atlanta, "94-Q-FM" 1000
1300 WKRG 94.9 AL Mobile 1325
Mo 26 Tr
1455 WQCB 106.5 ME Brewer, k, "Q-105" 184
Power increase(?), as it appears to be present whenever Augusta is in. (Better than a power increase - NEW STATION - jf)
JUNE 1986
Fr 6 Tr
0025 WALK 97.5 NY Patchogue 170
(WALK also listed on 16 other dates - jf)
Su 9 Tr
0135 WAWZ 99.1 NJ Zarephath 235
(WAWZ also listed on 6 other dates - jf)
Tu 10 Es
1115+ ?? MUF TV6+, DX'ing on department store TVs)
We 11 Tr
0110 WITqt 99.3 RI Block Island (last I heard, they hadn't hit the air yet - please check - jf) 110
We 11 Es
1645 WQUE 93.3 LA New Orleans 1450
1715 WVFJ 93.3 GA Manchester 1075
Su 15 Es
1930 WPDS 93.3 FL Tampa(call change) 1275
Mo 16 Tr
0015 CT in Strong
0015 WKXW 101.5 NJ Trenton 260
0020 WCBG 101.1 NY New York 205
0020 WHTZ 100.3 NJ Newark 215
0025 WJRZ 100.1 NJ Manahawkin 270
"The New Power 100"
0025 WRKS 98.7 NY New York 205
0025 WEVD 97.9 NY New York 205
0030 WUSL 98.9 PA Philadelphia 295
0035 WPLJ 95.5 NY New York 205
0035 WMMR 93.3 PA Philadelphia 295
0045 WWDB 96.5 PA Philadelphia 295
0050 WEAZ 101.1 PA Philadelphia 295
0055 WNEW 102.7 NY New York 205
0055 WSNi 104.5 PA Philadelphia 295
0100 WNSR 105.1 NY NYC (call change) 205

JULY 27 Es
1453 WRGI 93.5 FL Naples, "G93" 1180
1456 WCVU 94.5 FL Naples, "Seaview" 1180
1507 WSFV 90.1 FL Ft. Myers 1170
1514 WCMQ 92.3 FL Hialeah 1190
1523 WCJX 96.5 FL Miami, "96X" 1190
1533 WLVE 93.9 FL Miami Beach, "LOVE 94" 1190
1534 WJIS 88.1 FL Bradenton 1150
1538 WUUS 104.7 FL Big Pine Key, US-1 1365
1543 WRBQ 104.7 FL Tampa, "Q-105" 1105
1554 WEEJ 100.1 FL Port Charlotte 1160
1559 WJQY 106.7 FL Fort Lauderdale 1170
Monday JUNE 16 Tr, cont'd
0105 WBLG 107.5 NY New York 205
0210 Philly out, WAWZ and WCBG only non-New Englanders left (and weakly)
Fr 27 Tr
0050 WRCN 103.9 NY Riverhead 145
0055 WWHB 107.1 NY Hampton Bays 145
WALK at 0040 and 1840
Su 29 Tr
0050 WILI 98.3 CT Willimantic 90
0115 WCBG 101.1 NY New York 205
JULY 1986
Mo 7 GW
2155 WMRQ 103.3 MA Boston, ex-WHHT AC, "Quality" and "Q-103", switched sometime between 1700 and 2155 17
Th 10 Es
1115 WJDQ 101.3 MS Meridian 1250
1120 WCPG 93.3 MS Houston 1225
Mo 14 Es
1645 WOOF 99.7 AL Dothan, "WOOF-FM" 1175
1645 WEDRt 99.1 FL Miami, RBB 1375
1650 WLOV 100.1 GA Washington, k 950
1650 WEIZ 100.1 AL Phenix City 1100
1700 WKUE 97.7 GA Griffin 1025
1740 WLWI 92.3 AL Montgomery, k, I-92 1150
1850 WQWvt 98.7 MS Vicksburg, "Miss.... phone 372-???? 1375
1855 WVFJt 93.3 GA Manchester 1075
Fr 18 Es
1335 KBRX 102.9 NE O'Neil, wx for n.central and ne NE 1475
Sa 19 Tr
1035 WWGT 97.9 ME Portland for for call change 84
Mo 21 Es
2000 WHOO 96.5 FL Orlando 1225
Th 24 Tr
2155 WCBG 101.1 NY New York 205
Fr 25 Tr
0020-0320 relogs: WHTZ, WRKS, WALK, WNSR WBLG, WEVD, WNEW, WPLJ, WMMR, WJRzt, WEAZ, and WUSL
0040 WSNi 104.5 PA Philadelphia (WXLO off briefly?) 295
0040 WNCN 104.3 NY New York 205
0045 WDAS 105.3 PA Philadelphia 295
0125 WWDB 96.5 PA Philadelphia 295
0125 WKSS 95.7 CT Meriden 120

(Scott Hood's report...)
Friday JUNE 25 cont'd.
0215 WADB 95.9 NJ Pt. Pleasant, EZ 240
0140 WYSP 94.1 PA Philadelphia 295
0215 WKSZ 100.3 PA Media 295
0230 WMMG 102.9 PA Philadelphia 295
0235 WTRK 106.1 PA Philadelphia 295
"Electric-106" 295
0235 WMMR 106.5 MD Baltimore, r, "K-106" 380
0245 WDSB 94.7 DE Dover, k 345
0315 WPDH 101.5 NY Poughkeepsie 170
0320 WIOQ 102.1 PA Philadelphia 295
0935 WCAU 98.1 PA Philadelphia 295
(Some Philly, NYC, and WALK in and out, but weak and deteriorating.)
2145 WMMV 92.7 MA Tisbury, in Strong 82
2150 WLMG 92.1 NY Sag Harbor 130
2225 WWHB 107.1 NY Hampton Bays 145
Sa 26 Tr
0100 CIOO 100.1 NS Halifax, r and AC, "C-100" 420
0100 CBH 102.7 NS Halifax, j 420
0100 CFRQ 104.3 NS Halifax, AOR, "Q-104" 420
0135 CKO-9 103.5 NS Halifax, t 420
0220 WILI 98.3 CT Willimantic 80
0245 Except for NS, the band is near normal (although WCBG appears to be coming back stronger.)
Tu 29 MS
0045 unID 105.3, "Joy 105" (no sign of WJYY-105.5)
AUGUST 1986
Su 3 Tr
2105 WCBG 101.1 NY New York 205
Tu 5 Es
1705 WSTH 106.1 AL Alexandar City, k 1125
1715 WBAMt 98.9 AL Montgomery, "99-FM" 1150
1720 WJDA 101.3 MS Meridian 1250
1735 WYNF 94.9 FL Tampa 1275
1740 WVFJ 93.3 GA Manchester 1075
"VICTORY 93" 1075
1745 WAPE 95.1 FL Jacksonville 1100
"THE NEW POWER 95" 1100
1745 WQXI 94.1 GA Smyrna, r, "94Q" 1000
1755 WTVY 95.5 AL Dothan, k 1175
1755 WLWI 92.3 AL Montgomery 1150
1800 WMMJ 96.5 AL Birmingham 1125
1805 WFOX 97.1 GA Gainesville, "FOX" 950
1805 WJAD 97.3 GA Bainbridge 1175
"THE HOT FM" 1175
1810 WSIX 97.9 TN Nashville, k 1025
1810 WCOG 97.9 SC Columbia, k 850
1835 WNKs 102.9 GA Columbus, "KISS FM" 1100
1840 WQEN 103.7 AL Gadsden, "Q-104" 1075
1845 WENN 107.7 AL Birmingham 1125
1845 WAID 106.3 MS Clarksdale 1275
1850 WQSB 105.1 AL Albertville, k 1050
We 6 Tr
2025-2335 Relogs: WCBG, WUSL, WWDB, WILI WALK, WEAZ, WIOQ, WJRZ, WKSZ, WHTZ, CT in Strong
2145 WBLI 106.1 NY Patchogue 170
2155 WRCN 103.9 NY Riverhead 145
2235 WMMG 102.9 PA Philadelphia 295
2250 WDAS 105.3 PA Philadelphia 295
2250 WSPK 104.7 NY Poughkeepsie "K-104" 170
2335 WTRKt 106.1 PA Philadelphia 295

the downtown streets!) Needless to say, being an 8:30-5 job, my evening DX'ing ventures have been somewhat curtailed (although the way the weather pattern has been the past month - and the way it appears to be continuing - I don't think there is going to be much DX to miss.

AUGUST 1986
Th 7 Tr
0030-0205 Relogs: WBLG, WEVD, WWHB, WNSR, WNEW, WAWZ,
0035 WPDH 101.5 NY Poughkeepsie, in Strong
0050 WCAU 98.1 PA Philadelphia 295
0105 WAPP 103.5 NY Lake Success 195
0135 WYSP 94.1 PA Philadelphia 295
0135 unID 93.5 in Spanish (It's almost certainly WRTN New Rochelle, NY - jf)
Su 10 GW
2025 WBRG 100.1 MA Waltham extremely weak 23
Th 14 Tr
0000-0030 Relogs: WLMGt, WALK, WWHBt, WCBG
0000 WEBI 92.1 ME Sanford 63
1920 WMMG 93.5 ME Rockland 139
1925 WYJY 94.3 ME Biddeford (call change) 68
1925 All of Portland in super Strong!! Rest of SE and south central ME in or near Strong.)
2000 WCME 96.7 ME Boothbay Harbor 105
2205 WQCB 106.5 ME Brewer, in local strength 184
Sa 16 Tr
0030-0255 Relogs: WCBG, WJRZ, WEAZ, WWDB, WUSL, WHTZ, WNSR, WDAS, WWHB, WIOQ, WALK, WEVD, WRKS, WKXWt, WMMG, WNEW, and WPLJ
0035 WKHI 99.9 MD Ocean City 375
0110 WBLG 107.5 NY New York 295
0210 WFME 94.7 NJ Newark 215
0220 WBAB 102.3 NY Babylon, AOR 175
0230 unID on 106.3 (WVIP or WSLT) (or WHTG? -jf)
0255 WPix 101.9 NY New York 205
COMMENTS: This Summer turned out to be productive, even after an overall dismal May and June. The E skip this season definately appeared to be centered around Alabama and Mississippi (I didn't even log one station from the Midwest). The Aug. 5th grand finale was by far the most intense Es opening I have ever experienced; For awhile, every frequency below about 98.5 had at least 3-4 stations all fighting for supremacy (93.3 and 94.1, for instance, were all but unintelligible - they almost sounded like a AM local channel at night!! X my heart!!)
As for tropo, excluding the big April Fools opening, the biggest episode of the season so far has to be July 24-26. Getting Philly in Strong was exhilarating, to say the least. I can't even begin to imagine what Franklin must have been experiencing! In addition, the Nova Scotia duct was a pleasant surprise.
Otherwise, I am settling into my first "real" job: a runner for a "freight forwarder/Customhouse brokerage firm" at Logan Airport in Boston (I essentially get paid to jockey the subway system, ride up and down in elevators and generally roam the downtown streets!) Needless to say, being an 8:30-5 job, my evening DX'ing ventures have been somewhat curtailed (although the way the weather pattern has been the past month - and the way it appears to be continuing - I don't think there is going to be much DX to miss.

RALPH STROBEL - 2300 E. MCGALLIARD RD. - MUNCIE, IN. - 47303

Equipment: McIntosh MR-78 tuner, Channel Master Stereo Probe 9 at 55 ft. with rotor.

DECEMBER 1985				
12 MS				
0227 KEYN 103.7	KS	Wichita	700	
(See Meteor Scatter Report at end.)				
13 MS				
0338 KKYK 103.7	AR	Little Rock	565	
(Previous trop)				
14 MS				
0400 WWIB 103.7	WI	Ladysmith, prev. Tr	475	
30 Tr				
1900 WQVR 103.1	IN	Versailles. o/WIOE	100	
JANUARY 1986				
1 MS				
0401 WIXL 103.7	NJ	Newton, ?	550	
15 Tr				
0044 WPXN 104.9	IL	Paxton, r\$	250	
16 Tr				
0000 WZVZ 92.7	IN	Kokomo, ex-93.5	40	
0055 WWWO 93.5	IN	Hartford City, ex-104.9	16	
0229 WXUS 93.5	IN	Lafayette, ex-92.7	80	
0600 WOKZ 104.9	IN	Muncie, s/on	6	
FEBRUARY 1986				
15 MS				
0023 WUSL 98.9	PA	Philadelphia	530	
16 Tr				
0059 WEKH 90.9	KY	Hazard, o/WGVC	240	
22 Tr				
2100 WFCI 89.5	IN	Franklin, r mono, ex-89.3	65	
25 Tr				
0800 WFOF 90.3	IN	Covington, g\$, o/WBCL	125	
MARCH 1986				
2 MS				
0236 KVIL 103.7	TX	Dallas	850	
10 MS				
0159 WMGM 103.7	NJ	Atlantic City, r\$ (MY 40th STATE BY MS!)	570	
26 MS				
0509 WMGM 103.7	NJ	Atlantic City	570	
APRIL 1986				
8 MS				
0053 WUSL 98.9	PA	Philadelphia	530	
23 MS				
0147 WRUF 103.7	FL	Gainesville, ?	790	
MAY 1986				
9 Tr				
0100 WGGQ 99.3	WI	Waupun, r\$	290	
10 Es				
1040 KUT 90.5	TX	Austin	1050	
1059 WRBH 88.3	LA	New Orleans	800	
1100 KADE 89.5	TX	Weatherford, g\$, 370 watts	925	
1104 WMAU 88.1	MS	Meridian, c\$ (WMAU - jf)	610	
1115 KTXE 93.9	TX	San Angelo, k\$	1100	
1129 KSMG 94.5	LA	Lafayette, r\$	830	
1145 KQXY 94.1	TX	Beaumont, b\$	900	
1153 WMAU 88.9	MS	Bude, MS net ID	725	
1153 WMAA 91.3	MS	Jackson, // to 88.1 & 88.9	650	
1201 KANZ 91.1	KS	Garden City, (Previous MS)	880	
1210 KMCS 93.9	KS	Dodge City, r\$	850	
1216 KSEC 93.3	CO	Lamar, ads, \$	970	
1233 KILQ 93.9	CO	Co. Springs, r\$	1070	
1235 KUAD 99.1	CO	Windsor, r\$	1060	
1239 KYOU 92.5	CO	Greeley, k\$	1050	

(Ralph Strobel's report, continued....)

JULY 1986

2 MS				
0215 KVIL 103.7	TX	Dallas	850	
0345 KVIL 103.7	TX	Dallas	850	
6 Tr				
0100 WKLY 98.9	NY	Rochester, prev. MS	500	
0112 KIRK 103.7	MO	Lebanon, k\$	450	
16 Es				
0903 KHOY 88.1	TX	Laredo, \$	1260	
0958 WJIS 88.1	FL	Bradenton, g\$	940	
17 Es				
1215 KENW 89.5	NM	Portales, r\$	1120	
2145 KLYT 88.3	NM	Albuquerque	1260	
19 Es				
1658 KBNR 88.3	TX	Brownsville, l\$	1280	
1706 KTXE 93.9	TX	San Angelo, k\$	1100	
24 Tr				
0500 CBEE 88.1	ON	Chatham, ex-95.1	200	
26 Es				
1236 KLYT 88.3	NM	Albuquerque, g\$	1260	
1300 KUT 90.5	TX	Austin, c\$	1050	
1440 KGNZ 88.1	TX	Abilene, g\$	1025	
(STATION #35 on 88.1, my best frequency)				
1448 KACU 89.7	TX	Abilene, r\$	1025	
1532 KBNL 89.9	TX	Laredo, SS ID, \$	1260	
27 Es				
1728 XHSAB 89.5	NL	Sabinas Hidalgo	1360	
28 MS				
0200 KTUX 98.9	TX	Carthage	760	
30 Tr				
2200 WGRN 89.5	IL	Greenville, 300 w.	250	
AUGUST 1986				
1 MS				
0405 KVIL 103.7	TX	Dallas	850	
0542 WCBG 101.1	NY	New York	580	
2 MS				
0045 WUSL 98.9	PA	Philadelphia	530	
3 MS				
0149 UNID 103.7	????			
0253 KBTU 103.7	LA	Lake Charles, r\$	860	
5 Es				
1746 KLYT 88.3	NM	Albuquerque, g\$	1260	
1802 WJIS 88.1	FL	Bradenton, g\$	940	
1814 KBIM 94.9	NM	Roswell, b\$	1200	
1819 KZPS 92.5	TX	Dallas, ads, \$	850	
1830 KETR 88.9	TX	Commerce, NPR, \$	780	
1830 KNCT 91.3	TX	Killeen, NPR, \$	1025	
1839 KLUV 98.7	TX	Dallas, r\$	850	
1846 KLSR 105.3	TX	Memphis, r\$	950	
1851 KLSF 96.9	TX	Amarillo, ads, \$	1000	
1852 KQTP 96.9	TX	Odessa, ads, \$	1150	
1900 WBBB 97.7	FL	Bonifay, r	695	
1908 KLLL 96.3	TX	Lubbock, k\$	1070	
1910 KMOL 97.7	LA	Kaplan, k\$	850	
8 MS				
0017 KZZC 98.9	KS	Leavenworth	520	
13 MS				
0325 UNID 98.9	???			
15 MS				
0101 WAKX 98.9	MN	Duluth	530	
0435 WKNE 103.7	NH	Keene	690	
(MY 41st STATE BY MS!!)				
16 Es				
1054 KTXE 93.9	TX	San Angelo, k\$	1100	
1100 KGNZ 88.1	TX	Abilene, g\$	1025	
1109 KTRD 96.3	TX	Del Rio, bank ad	1210	
18 Tr				
0430 WBRN 100.9	MI	Big Rapids, s/on, r, \$	220	
0508 WMRX 97.7	MI	Beaverton, wx, r, \$	240	
21 MS				
0400 KTUX 98.9	TX	Carthage	760	

AUG 25 MS				
0341 WJML 98.9	MI	Petoskey	320	
27 Es				
1630 KBNR 88.3	TX	Brownsville, SS, \$	1280	
1630 KOIR 88.5	TX	Edinburg, SS, \$	1275	
1700 XHSAB 89.5	NL	Sabinas Hidalgo, SS\$	1360	
30 MS				
0251 KEYN 103.7	KS	Wichita	700	
31 MS				
0114 WHBF 98.9	IL	Rock Island	290	
SEPTEMBER 1986				
2 Tr				
0546 WHMI 93.5	MI	Howell, k, \$, SID	170	
13 Tr				
0230 WRSA 96.9	AL	Decatur, b\$	430	
0300 WQEN 103.7	AL	Gadsden, r\$	460	
0434 KIRK 103.7	MO	Lebanon, k\$	450	
0510 WETS 89.5	TN	Johnson City, j\$	325	
0610 WHCB 91.5	TN	Bristol, g\$	320	
0613 WBBB 96.9	TN	Bristol, k\$	320	
27 MS				
0151 KTUX 98.9	TX	Carthage	760	
METEOR SCATTER RESULTS (1985)				
Dec. 12 KEYN "....KEY...."				
Dec. 13 KLYK "....KYL...."				
Dec. 14 WWIB "....WW...."				
1986 RESULTS				
Jan. 1 WIXL "....103.7 WI...."				
Feb. 15 WUSL "....Philadelphia...."				
Mar. 2 KVIL "....24 hr....Ft. Worth...."				
Mar. 10 WMGM "....104-MGM The Rolling Stones' Harlem Shuffle on WMGM...."				
Mar. 26 WMGM "....WMGM Good Morning...."				
Apr. 8 WUSL "....Power 99 FM...."				
Apr. 23 WRUF "....It's called Where Did The Children Go on Rock 104...."				
May 22 WMGM "....from WMGM...."				
KEYN "....report from KEYN.... shake it up...."				
WMGM "....WMGM baseball...."				
June 24 KKYK "....on KKYK...."				
June 25 KZZC "....ZZ-99...."				
July 2 KVIL "....VIL...."				
KVIL "....KVIL from Terry King, 14 1/2 before 4 o'clock...."				
July 28 KTUX "....KTUX Carthage...."				
Aug. 1 KVIL "....for Terry King, it's five minutes after 4 o'clock at KVIL...."				
WCBG "....6:42.... Ed Harrison (It's Harry - jf) in the morning....7 o'clock on the CBS-FM....highlighting tunes from thehall of fame...."				
Aug. 2 WUSL "....Power 99 FM...."				
Aug. 3 UNID "....KXL-FM...."				
KBUI "....Bayou-104 - that was Paul McCartney with his latest. It was...."				
Aug. 8 KZZC "....and tomorrow high 87. 77 right now here at the leader, ZZ-99...."				
Aug. 13 UNID "....CBO....(or "...CBO...")....?"				
Aug. 15 WAKX "before nine days ago, here's the WAX news updated one minute past one o'clock, sponsored by Bingham Hardware, Hammond's Fur, Northside...."				
WKNE "right now 52 degrees in Keene....A good morning...."				
Aug. 21 KTUX "....TUX-99...."				
Aug. 25 WJML "....in Petoskey...."				
Aug. 30 KEYN "....point 7 - KE...."				
Aug. 31 WHBF "....Magic 98-9 with more of the Quad Cities favorite music...."				
Sept. 27 KTUX "....the TUX...."				

(Ralph Strobel's report, continued....)

COMMENTS: Many thanks goes to Robert Grant and Jeff Kadet for translating two Mexican unIDs I heard and taped this past summer. Jeff was able to translate some of my tape, but Robert really came through with the translation of two very fine IDs. I will let Robert comment in his CCI column. This information was also sent on to Bruce Elving. When I heard these Mexicans, I thought I had an ID on 89.5, but the one from Merida, Yucatan on 97.7 was quite a surprise. It pays to tape reception and hang on to the tape! Robert sent me a tape in which he pronounced each letter of the Spanish alphabet. This will be helpful in future years, in the event I hear more Mexican FMs. Another thank you to Fred Nordquist who accurately measured the distance from Muncie, IN to Merida, YU, and for returning my self-addressed postcard with this information.

Thank you also goes out to Bob Zent, Huntingdon, IN; Dave Brumfield, Richmond, ID; and again to Jeff Kadet, Macomb, IL for giving me early morning phone calls when E-skip was in.

There were few days when E-skip got into the FM band, as opposed to TV. MUF hovered around channels 4 and 5 many days, but only to fizzle out before it could get into FM! Tropo was poor this summer, with few new stations logged in that mode of propagation.

The Perseids meteor showers (Aug. 9-14) were not as good as in previous years. I was able to log a few new stations before and after the August showers. Since I never receive E-skip from the Northeast, the only way I can log these states seems to be by MS reception. Fortunately, the new states of NJ and NH were logged. From the east, I am still in need of VT and DE. Will I ever hear them?

Happy DXing from me to everyone! 73, Ralph

HARRY J. HAYES - 9 HENRY ST. - WILKES-BARRE, PA. - 18702

Equipment: GE Superadio, Jerrold GFM-9 antenna in attic.

SEPTEMBER 1986

20 Tr
0040 WHOM 94.9 NH Mt. Washington,
in/out with EZL

24 Es

1840 WSHS 103.5 FL Ft. Lauderdale, lcl ads
1841 WIRK 107.9 FL W. Palm Beach,
no call heard

1850 WBJW 105.1 FL Orlando

1856 WPCV 97.5 FL Winter Haven, w/wx

1900 unID 96.1 FL ID ment. Ft. Myers-

Naples but faded on call, a 95.9 in this
area but nothing listed for 96.1. (Most
assuredly WLEQ who has a CP for 96.1-jf)

COMMENTS: I put a 9 element antenna in my attic a week ago and find it works pretty well considering that I'm not getting as much overload that I expected though I can only aim it North and East now without significant overload. I am hoping to take care of my overload problem with appropriate filters in the near future and I am hoping to replace my present receiver, a dismembered Superadio with the guts hanging out with no tuning indicator with a decent tuner of some kind. The 9/24 opening was the very first time in my 16 years as a DXer that I've experienced any type of Es in September.

WILLIAM R. HEPBURN - #18-62 WALKOVER ST. - THUNDER BAY, ON - P7B 1L2 - CANADA

Equipment: Receiver: JVC R-X330V, Antenna: Indoor Dipole - 2nd floor

Signals 10 db or more shown as S-10, S-15, etc.

JULY 1986 AT TORONTO, ON

7 Tr

2009 WOIV 105.1 NY DeRuyter 190

2129 WRQC 92.3 OH Cleveland Heights 185

24 Tr

0354 WGRW 107.5 MI Detroit, S-10 205

0402 WNUZ 103.5 MI Detroit, S-10 205

0424 WNIC 100.3 MI Deaborn-Detroit,
S-10 215

0432 WWWW 106.7 MI Detroit 205

0441 WLLZ 98.7 MI Detroit, S-10 205

0859 WCVJ 90.9 OH Jefferson 150

0958 WVPN 89.9 WV Wheeling 245

AUGUST 1986

5 Es

1850 MUF 107.7

1855 WBJW 105.1 FL Orlando, S-10 1050

1858 WABE 90.1 GA Atlanta 745

1914 KVTI 91.7 TX Dallas 1210

1917 KCBT 89.3 TX Dallas 1210

1924 KZPS 92.5 TX Dallas 1210

My first complete summer south of 60 degrees North since 1981....with only one day of Es!

I should have stayed in the Arctic. 73s Bill

SEPT 24 Es (cont'd.)

1913 WCVU 94.5 FL Naples,

"Sea-View" ID, EL mx

Lakeland, ID o/semi-

local WKQX.

1924 WYNF 94.9 FL Tampa-St. Petersburg

"95-YNF", album type r

2000 WNL7 95.7 FL Tampa-St. Petersburg

"LITE" ID and call

26 Tr

2200 WNCN 104.3 NY New York, weak

JOHN EBELING - 9209 VINCENT AVE. SO. - BLOOMINGTON, MN. - 55431

CST

Equipment: At Bloomington, Pioneer TX9500 tuner and Heathkit AR-15 rcvr.

10 element Channel Master 10 element yagi w/rotor on 30 ft. mast

At Prosit, Another Pioneer TX9500 tuner, 5 element Radio Shack FM antenna.

AT PROSIT

JULY 1986

1 Tr

0001 K237BE

95.3 MN

Babbitt, t-KBHW-99.5

18 Tr and Es

Tr 1000 KBT0

Es 1030 WINC

Tr 1102 KYYY

1105 KNDR

Es 1115 WMJS

1130 WPOC

1136 WSEA

Tr 1138 KQDY

1152 KMAV

1201 KBYZ

Es 1854 CJAX

1903 CIRK

1931 CKXM

1940 CISN

2000 ??

88.1 ?

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AT BLOOMINGTON

AUGUST 1986

5 Es

1730 WAAC

1731 WVFJ

1735 WAPE

1743 WMBW

1745 WQSB

1759 WMAU

1800 WUSF

1805 WGPC

1813 WEAT

1816 WMEZ

1842 WWOZ

1847 WGGZ

1849 KWCL

1850 KCIL

1854 KUCA

1856 KDEA

1900 KVPI

1900 WDUV

1905 WJIS

13 Ms

0045 WQLT

0230 WDBA

0330 WVCN

15 Tr

2358 WJJA

16 Tr

0000 WJCH

SEPTEMBER 1986

11 Au (brilliant Au display)

2333 KWMU

2340 KCLC

2355 WDLN

2358 WJCH

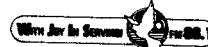
12 Au

0002 KUSR

91.5 IA

Ames

WJIS



P.O. Box 1640
Bradenton, FL 33506-9990

ROBERT S. ROSS - BOX 4373 - STN. C - LONDON, ON. - CANADA - N5W 5J2

Equipment: Viking SC5813 rcvr., 10 element Realistic beam at 15 ft.

AUGUST 1986

1 Tr

0050 WYRK 106.5 NY Buffalo

0053 WBYR 107.7 NY Buffalo, ex-WUWU

5 Es

1815 WNAW 90.1 NC Greensboro

NEW STATE

JOSEPH FELA - 150 ROBERT PL. - SO. PLAINFIELD, N.J. - 07080

EDT

Equipment: MR-78 tuner, Channel Master Stereo Probe 9 at 40 ft. AG w/rotor.

JULY 1986

22 Tr

2200 Norfolk area at fair strength

2254 WKRE 107.5 VA Exmore, k, "K-104"

over local WBL5

23 Tr

2100 Norfolk again, fair-good.

24 Tr

2000-2200 Norfolk again! Fair-good.

230

(Joe Fela's report, continued)...

JULY 25 Tr, continued

2143 WORG 102.3 CT Stonington, "Classic Hits" + call for call change 141
 2300 WZLX 100.7 MA Boston, legal ID, "Classic Hits" Last time heard they were WCOP! 213
 2303 WOMR 91.9 MA Provincetown, ID, j 242
 2315 CBHY 92.1 NS Yarmouth, CBC, actually o/WLNG, 0011 s/off 480
 2325 CBHM 106.5 NS Middletown, CBC, // CBHY-92.1 562

JULY 26 Es

1055 WJIS 88.1 FL Bradenton, ID, wx 1017
 1100 WRMB 89.3 FL Boynton Beach, ID, religious 1022
 1101 WKPX 88.5 FL Sunrise, ID, r
 1128 WHGS 90.3 FL Haines City, ID, g 954
 1133 CUBA? 90.3 Cuban tentatively here, Possible "Rebelde" ID
 1200 CUBA 91.9 Cuban for sure here with big production ID mentioning Havana and Rebelde at 1200. Had some sort of play or short skits before ID.
 1212 WQLM 92.7 FL Punta Gorda, ID 1039
 1215 WSOR 95.3 FL Ft. Myers, nw, wx, ID, g format 1053
 1229 WQEZ 99.3 FL Ft. Myers Beach ID, b 1067
 1230 WSSP 104.1 FL Cocoa Beach, contest "WHISPER 104" 917
 1231 WRCC 103.9 FL Cape Coral, ID, r 1062
 1240 WEEJ 100.1 FL Port Charlotte, ads, call, b 1037
 1300 WKRL 97.9 FL Clearwater, legal ID, "Classic Rock", o/Local WEVD 993
 1307 WXCX 92.1 FL Safety Harbor ID, classical
 1314 WSGI 103.1 FL Naples, old r "ALL NEW CLASS 103" 1084

27 Es

(Es in progress when I walked in....)

1552 WSGI 103.1 FL Naples, old r 1084
 1557 WCIF 106.3 FL Melbourne, g, ID 933
 1610 WKQS 99.9 FL Boca Raton, promo, k, "KISS" (a little unusual for a k station to use Kiss?) 1035
 1614 CUBA 95.9 FL A Radio Reloj here, complete with clock ticks in the background.

AUGUST 1986

3 Es on the car radio while returning

from the Jamestown Convention!

(In NE PA, between Scranton and Binghamton)

1800a Ided the following -

WKKA-92.3 Orlando, FL
 WFYN-92.5 Key West, FL
 WRGI-93.5 Naples, FL
 WCVU-94.5 Naples, FL
 WPCV-97.5 Winter Haven, FL
 + many unids (like who was the SS on 91.5?)

5 Es

1910 WJMI 99.7 MS Jackson, ID, wx 1046
 1920 KNAN 106.1 LA Monroe "MAGIC 106" 1029
 1938 KPCH 97.7 LA Dubach-Rustin, ID 1148
 1942 KDBH 97.7 LA Natchitoches, ID 1205
 2000 KVTI 91.7 TX Dallas, ID, g 1352
 2010 KSBJ 88.1 TX Humble, ID, g 1386

5 Tr

2230 WIAV 96.1 VA Cape Charles, "WAVE 96", r 244

AUG 6 Tr

1838 WOTB 107.1 RI Middletown, ID, j 175
 2020 WOMR 91.9 MA Provincetown, ID, ad? 242
 2100 WMDK 92.1 NH Peterborough, "92-MDK" DJ with English accent, r 203
 2135 WQVR 100.1 MA Southbridge, Red Sox BB, ID, "Q-100" 161
 2150 WFNX 101.7 MA Lynn, r, ID 222
 8 Tr
 0300 WUNY 89.5 NY Utica, c, net ID with WCNV-91.3 and WJNY-90.9 180
 0320 WZYC 103.3 NC Newport, r, "Z-103" WPRB off 421

9 Tr

1104 CKBY 105.3 ON Ottawa, briefly o/WDAS with ID, eastern ON & W. PQ wx 342

14 Tr - super strong to MD/DC

0750 WYST 92.3 MD Baltimore, "STAR-92" soft r, o/Local WXRK 146
 0825 WCEM 106.3 MD Cambridge, r, ID 164
 0828 WQRA 94.3 VA Warrenton, "SUNNY 94", news, wx, ads 220
 0844 WFTR 95.3 VA Front Royal, ID 231

15 Tr

0045 W221AC 92.1 PA Mt. Pocono, t-WGBI-101.3 Scranton 61
 0100 W265AC 100.9 MD Salisbury, t-WRBS-95.1 Baltimore, very clear! 164

16 GW

0115 WFUN 91.9 NY Brooklyn (pirate) noted on again with old r music 20

23 Tr

0853 WTPS 103.9 PA Muncy, AM/FM ID, "All Hit Radio", r 130

25 Tr

Pests WFME 94.7 Newark and WKDN-106.9 Camden OFF but conditions completely dead. 106.9 just an occasional weak signal but -
 0020 WMAS 94.7 MA Springfield, r, "WMAS 95" much WDSO QRM plus tent. WLTT MD 142

SEPTEMBER 1986

19 GW/Tr

2200 WVL2 92.1 NJ Vineland noted back on the air with this call, ex-WKQV. Now "92 FM Lite", light r, satellite feed and a pest! Apparently antenna and/or tower work performed while off. 81

2045 WFSM 99.3 PA Harrisburg, SUNNY 99 131

24 Es

1859 WAIV 96.9 FL Jacksonville, ID 815
 1900 WGGG 97.7 FL Micanopy-Gainesville ID, "LOVE 98" 885

1901 WKRL 97.9 FL Clearwater, legal ID 993
 1914 WYGC 100.9 FL Gainesville, k, GC-101 876

1920 WAAC 92.9 GA Valdosta, ads, ID 836
 1930 WQPD 94.3 FL Lake City, with college football prog (interviewing coach) -

Same program also on 92.1, 95.3, and 102.3 (apparently WTRS), ads, ID during break 854

1958 WLLQ 92.1 FL Williston, "WILLOW 92" 897

29 Tr

0030 Local WNYC-93.9 noted off, WKYS DC fair on channel. Weak signals at times from tentatively CFMO ON and WAYU ME. NO WKXZ NY - off Monday mornings?

LATE NEWS: There was a nice FM Es opening to Texas the evening of Oct. 8th. Also some TV skip Oct. 9th 73, Joe

ANARC UPDATE

PART 3 - ANARCON '86 - THE LAST DAY!!

One good thing about doing this column is that I can stretch one event into 3 months worth of material. So now, thankfully, I present the final chapter of this year's convention.

We started the day by availing ourselves of the Hotel's buffet breakfast. With the value of the Canadian Dollar, it looked more expensive than it actually was. And it was all you can eat!

The first event of the day was the taping of HCJB's (Quito, Ecuador) program Saludos Amigos hosted by Ken Macharg and John Beck. It was quite a good show. They went into the audience and did several short interviews. Normally the show is a mailbag show, so a live program was something new for the hosts.

This was followed by the World Radio TV Handbook Quiz. It was the Americans vs the Canadians. The Yanks lost due to the Canadians superior knowledge of the book. Andy Sennitt, host of the Quiz started by reading a review of the book that supposedly was broadcast over Radio Albania. They called the book decadent and all those reading it will have their minds poisoned (So, why did the reviewers read the book and why does Radio Albania make contributions to the book each year?). The Quiz questions were very hard this year. There were quite a few questions on names and station's names in their native language. All the participants were winners, even if they were on the losing team. The prize was the 1987 WRTN.

The WRTN Quiz was followed by lunch. Joyce and I went to the McDonald's across the street from the hotel. I ordered a hamburger. After receiving the burger, I realized that burger places outside New York serve their hamburgers with mustard and catsup on it. I asked for a hamburger with catsup on it only. The counter clerk looked at me quizzically. I realized that he did not understand English very well, so I said "No Mustard" several times over. He said I had to wait a few minutes. When I got the burger, I sat down and I unwrapped the hamburger. I took off the bun. Under it I found all mustard and NO Catsup.

The final event of the convention was the International Broadcaster's Forum. Representatives from Radio Canada, The Voice of America, Radio France Internationale, The Voice of Free China and Radio Netherlands sat on the panel this year. Great interest was expressed by the audience that stations should set up additional relays to help improve reception. All the broadcasters stated that this was very expensive. I felt like asking why international broadcasters do not use advertising to supplement their income. The station reps all told of how their funds were limited and budgets were being cut. I knew that if I asked that question, I'd be unceremoniously ushered out of the room.

At 3pm, the convention ended. Joyce and I drove off in the rain to Vermont.

Convention post scripts- The hotel elevators became a major topic at the convention. It took at least 15 minutes before an elevator would come. Then it would stop at almost every floor. If there were more than 10 people in the elevator, which was most of the time, there was a chance that the elevator might get stuck between floors. If this happened, and you pushed the emergency button, a voice would get on and say "Is everything OK?". There was an incident where one group of conventioners did get stuck in the elevator for 45 minutes. They somehow got themselves out of the elevator. When they got out, the little voice started to yell that they should have waited for the elevator mechanic who would have been there in another 15 minutes.

Plenty of interviews were conducted at this year's convention. Convention attendees were heard for months after the convention on several international stations. The "Saludos Amigos" program was broadcast a month and a half after the convention. And quite recently, I caught an interview of Alain Pepin over the DX Partyline program of HCJB.

Commentary- This year's convention was well attended. It was well publicized and for the most part, well organized. But, several sectors of the DX Hobby were left out when it came to having programs for them. There was not a single program for TV and FM DX'ers. This is best summed up in the attitudes of the Shortwave DX'ers. I asked Ian McFarland why he did not do a feature on TV and FM DX on his program, the DX Digest. He stated that he would do one if someone provided him with one and it was professionally done. The ANARC Newsletter stated that the lack of a program for TV and FM DX'ers was that WE THE TV AND FM DX'ERS did not provide one! I can not believe

ieve that the organizers with the resources of the CBC and Radio Canada International could not find someone to do a program or seminar on this. They couldn't get a CBC or RCI engineer to talk about propagation of VHF and UHF signals. They could have gotten people from the local AM and FM stations to talk about the Montreal Radio scene. Or a group of local Chief Engineers to discuss station policies regarding DX'ers, reception reports and QSL's. If we hosted the convention, we would not ask the Shortwave DX'ers to provide programs. We would be required to find people to host such programs. So, why should we be asked to provide a program for our aspect of the hobby. The organizers of future conventions must be required to provide programs on all aspects of the hobby.

The non-DX'ers were not catered to at the convention.. This led to the spouses, like my wife, bored while I went to a program or seminar. Joyce had to make herself busy by watching television or sleeping in the room or walking around in a city all alone that she was not familiar with. During the time they had programs for DX'ers, there were no alternate programs for the convention widows and widowers. Possible programs could have been as simple as a survival rap session or an introduction to DX'ing and the passion of DX'ing to help a spouse understand their mate's obsession (the title of this seminar could be "Why an opening can be better than sex to your spouse"). Finally, they could have easily set up a walking tour or underground shopping mall shopping tour via the Metro. The organizers must keep in mind that everyone attending a convention like this is not a DX'er, and if they the convention to be a family event, then they must have programs for them. I may decide not to go to the next convention if there are no programs for spouses, because I will not go without my wife!

It looks like Don Hoemer of Michigan will be ANARC's new Executive Secretary. He is the only one to express an interest in the job. He will have his hands full. Don is used to having his hands full as he organized and presided over the Michigan Area Radio Enthusiasts. His club has provided a large number of activities and publications for Michigan DX'ers in the short period that they have been in existence. Don is well qualified for the position as Executive Secretary.

The term of the present Executive Secretary, Richard (Terry) Colgan will end at the end of the year. He has done a great job as Executive Secretary. During his term, the stature of ANARC has grown. ANARC has led the fight against the Electronic Privacy Act and the Over the Horizon Radar. ANARC revised its constitution, and made provisions for smaller local clubs to join as Associate Members. Good Luck to Terry on his future endeavors and his leadership will be missed.

By the time you read this, the ELECTRONIC PRIVACY ACT will be law. The radio hobby didn't die this year, but its been greatly been restricted. The full effect of the law will not be known until it is enforced. Once arrests, indictments and confiscations of receiving equipment is made, the the laws constitutionality can be tested. The first effect will probably be the banning of the sale of receivers, such as scanners and SCA receivers that will be able to pick up the forbidden frequencies and services. Publicizing the reception of these forbidden services will be a crime. The editors of several columns in this publication will have to start watching what they write, because you don't know who is out there reading what you write. There are indications that a new bill with more restrictions may be introduced in the next session. We have start the fight all over and much harder the next time. The people with the \$\$\$Money\$\$\$ are after your freedoms.

Hopefully this will reach you before election day. This year, all the Congressmen and women and a third of the Senators are up for reelection. Please give your Congressperson's office a call. Ask how they voted for the bill and why they voted for a bill where all interested parties were not given a chance to testify on this bill. Ask him why the Congress was not given a chance to debate this bill when it got to the House floor. Ask what Congress was afraid of by not allowing a role call vote to be taken. Be sure to tell him that some of the activities that people enjoy as part of your favorite hobby are now illegal and did he ever think that this would occur when he voted for the bill. And tell him that you are unsure that he is voting on bills with your best interest in mind and that on election day you may consider voting for his opponent. And if he tells you that he does not care, then tell him you'll have to tell the local newspaper this and you'll actively work on his opponent's campaign the next time around.

Well, it's time to close for this month. Next time I plan to give some tips on where to get free information that can be helpful for DX'ers. Til then,

Steven P. Sprachman
15 Berry Lane
Hicksville, NY
U.S.A. 11801

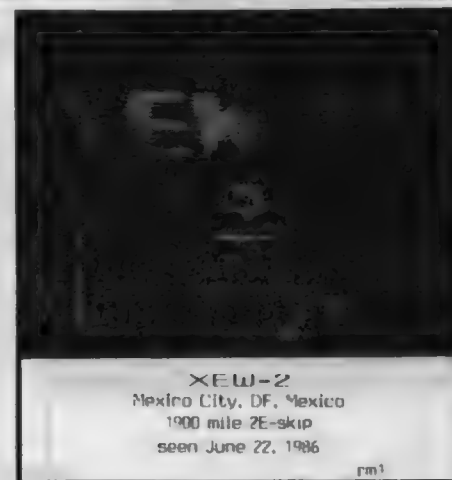
73's
42 Steven P Sprachman



PHOTO-NEWS

David J. Nieman
17284 Nice Road
Akron, NY 14001-9529

With snow falling in western New York; we start off this edition with double hop to Mexico seen by Randy Militier of San Jose, CA



XEW-2
Mexico City, DF, Mexico
1900 mile 2E-skip
seen June 22, 1986

rm1

Moving on east to Tennessee, we make a stop at Matt Sittel's DX shack for a look at some E-skip, Kingsport style.



KACB-3
San Angelo, TX
1088 mile E-skip
seen July 7, 1986
at 1400 EDT

me1



KPRC-2
Houston, TX
878 mile E-skip
seen July 9, 1986
1030 EDT

me11

Matt Sittel continued



XHRU-2
Matamoros, TA, Mexico
1184 mile E-skip
seen July 9, 1986
at 1130 EDT

ms11



KJRH-2
Tulsa, OK
747 mile F-skip
seen July 13, 1986
at 1000 EDT

ms12

We now head back west a little to Macomb Illinois for some tropo and E-skip seen by Jeff Kadet.



XFZ-1
Cerro del Zamorano, Gro, Mexico
2222 mile F-skip
seen June 11, 1986

jk1



K45AY
Jonesboro, AR
375 mile tropo
seen June 19, 1986

jk2

Jeff Kadet photo file continued.....



XHFI-5
Chihuahua, Chih., Mexico
1160 mile F-skip
seen July 5, 1986

jk3



K35AI
Lexington, VT
475 mile tropo
seen July 13, 1986
(KXBP-2)

jk4



KUSD-2
Vermillion, SD
360 mile E-skip
seen July 17, 1986

jk5

to be continued in December's VUD.....

DAVE

TELEVISION NEWS

Bill Fabber, editor
336 Atlantic Street
Bridgeton, NJ, 08302

NOVEMBER, 1986

FOX TELEVISION NETWORK AFFILIATES

Here it is! What everybody has been waiting for! The Official WFDA List of Fox Broadcasting Network Affiliates. Boston is the only major-market station not included in this list. Fox had been attempting to buy WXNE-TV, ch. 25, and make that its outlet for the Boston area, but I think that deal fell through. But don't fear. There are plenty of indies in that area looking for something to broadcast ever since STV fell through.

ST CALLS	CH CITY
AL WPMI	15 Mobile
AL WDBB	17 Tuscaloosa
AK KTBV	4 Anchorage
AZ KMSB-TV	11 Nogales
AR KJTM-TV	38 Pine Bluff
CA KTTV	11 Los Angeles (Fox-owned)
CA KTVU	2 Oakland
CA KTXL	40 Sacramento
CO KXRM	21 Colorado Springs
CO KDNA	31 Denver
CT WTIC-TV	61 Hartford
DC WTTG	5 Washington (Fox-owned)
FL WWSB	30 Jacksonville
FL WCIX	6 Miami
FL WOFL	35 Orlando
FL WTOG	44 St. Petersburg
FL WFLX	29 West Palm Beach
GA WTSG	31 Albany
GA WATL	36 Atlanta
ID KTRV	12 Nampa
IL WYZZ-TV	43 Bloomington
IL WFLD	32 Chicago (Fox-owned)
IL WRSP	55 Springfield
IN WXIN	59 Indianapolis
KS KSAS-TV	24 Wichita
KY WKDY	56 Danville
KY WDRB-TV	41 Louisville
KY WKIX-TV	19 Newport
LA WNOL-TV	38 New Orleans
LA KMSS-TV	33 Shreveport
ME WPXT	51 Portland
MD WBFF	45 Baltimore
MI WKBD-TV	50 Detroit
MI WSMH	66 Flint
MI WKMI	17 Grand Rapids
MN KMSP-TV	9 Minneapolis
MO KSHB-TV	41 Kansas City
MO KDHL-TV	30 St. Louis
NV KVVU-TV	5 Henderson
NM KGSN	14 Albuquerque
NY WKXA-TV	23 Albany
NY WNYW-TV	5 New York (Fox-owned)
NY WUHF	31 Rochester
NY WSYT	68 Syracuse (ex-WKAP)
NC WLFL-TV	22 Raleigh
NC WNRN	45 Winston-Salem
ND KVRZ	15 Fargo (Satellite stations KRRR, ch. 10 in Chief River Falls, MN and KHRH, ch. 12, Pembina, ND, were not mentioned in the list)
OH WTTJ	28 Columbus
OH WRGT-TV	45 Dayton

OH WOIO	19 Shaker Heights
OH WUPW	36 Toledo
OK KAUT	43 Oklahoma City
OR KPTV	12 Portland
PA WWCP-TV	8 Johnstown (No mention made of affiliated station WWPC-TV, ch. 23, Altoona, PA.)
PA WTAF-TV	29 Philadelphia
PA WPGH-TV	53 Pittsburgh
PA WPMT	43 York
RI WNAC-TV	64 Providence
SC WTAT-TV	24 Charleston
SC WTGS-TV	28 Hardeeville
SD KTTW	17 Sioux Falls
TN WDSI-TV	61 Chattanooga
TN WETO	39 Greenville
TN WMKW-TV	30 Memphis
TN WCAV-TV	30 Nashville
TX KDAF	33 Dallas (Fox-owned)
TX KRIV	26 Houston (Fox-owned)
TX KJTL	18 Wichita Falls
UT KSTU	20 Salt Lake City
VA WJPR	21 Lynchburg
VA WTVZ	33 Norfolk
VA WVRN-TV	63 Richmond
WA KAYU-TV	28 Spokane
WA KCPQ-TV	13 Tacoma
WI WXYZ-TV	32 Appleton

HOME SHOPPING NETWORK STATIONS

Now the news everybody has been dreading! Will your local independent station become devoured by that dreaded enemy lurking just beyond the horizon? Will Captain Kirk confront the greatest power in the galaxy? Will Happy Days be gone forever? For many couch potatoes across the country, here it comes: the next best thing to pledge droves! It's the Home Shopping Network, promising twenty four hours a day of nonstop commercial advertising. So far HSN had devoured eight independent stations, and is looking for four more to satisfy its voracious appetite. Here is its meal to date:

ST CALLS	CH CITY
CA KPST-TV	66 Vallejo (scheduled to sign on October 1, 1986)
TX KTHH	67 Alvin
OH WCLQ-TV	61 Cleveland
NJ WJSJ	65 Vineland (Rats!!)
NY WSNL	67 Smithtown
MA WVVJ	66 Marlborough
MD WJKL	24 Baltimore (the only one on a channel below 65!)
NJ WWHT	68 Newark

If your local station was not mentioned, don't relax yet. The beast is still hungry! Home Shopping Network, based in Clearwater, FL, started out by offering merchandise at discount rates over a local radio station in 1977. In 1982 it came on several cable channels in the Tampa area. In 1985 it spread to cable systems across the country. In March of this year HSN created HSN2, a new service consisting of more upscale merchandise. HSN2 stations will not actually operate a solid day of marketing, however; each hour will include some local public

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affairs programs. ("We interrupt this regularly scheduled word from your sponsor to bring you this following program.") In addition to the stations owned by HSN, there will be independent stations and network affiliates that will be signed up to air some of HSN's programming.

Other companies are following the trend. Now we have the Cable Value Network (CVN), the Quality Value Convenience Network, and the Telephone Auction. Consumer Discount Network, like HSN, plans on two separate channels to reach different economic levels. American Shopping Channel plans several local operations. Tel-Shop will specialize brand-name products. But will all these other companies start hogging up television stations? Probably not. HSN seems to be the exception. The others don't share HSN's confidence that a must-carry rule will some day be established, giving support for UHF television owners. Just purchasing air time seems to suffice for them.

But what about the future of HSN? Right now it's spending a tremendous amount of money in television stations. UHF television stations, whose owners are trying to sell them off. Every commercial business suffers from lack of sales for the next few months after the Christmas holidays, and HSN will most likely begin feeling a financial pinch for the first time. But if television shopping turns out to be a temporary fad, then HSN will be wound up with all its money invested in worthless television stations that it can't sell. No doubt television shopping will be around for good, but probably limited to the late night hours.



AMERICA'S ORIGINAL LIVE DISCOUNT
SHOP AT HOME TV SERVICE

APPLICATIONS FOR NEW TELEVISION STATIONS

CH	EXP	HAAT	STATE/CITY/APPLICANT
59	2529	691	FL Jacksonville; Florida ETV of Duval County Inc.
29	1358	759	FL Ocala; Florida ETV of Marion County Inc.
31	100	2373	OR Klamath Falls; Sunshine TV
64	17.3	387	TX Minersville; Golden Communicat'ns
52	40	710	WI Mayville; Wayne Raymond Stenz
43	8.71	423	VI Charlotte Amalie; Franklin D. Graham
15	n.c.	1124	VI Christiansted; Santa Cruz Broadcasting Co. (amended)
16	1	100	TX Eagle Pass; Jonesco Broadc'ng
31	1000	1142	TX Victoria; Turner Broadcasting & Communications

45	5000	554	FL Leesburg; Palmetto Broadcasters Associated for Communities
46	5000	105	TX Rio Grande City; Robert Gonzalez
11	316	426	TX Sonora; Tower Broadcasting Co.
48	640	335	WI Chippewa Falls; Family Group Ltd. III
1	2190	2004	CA Los Angeles; Vision Int'l Inc.
14	1000	139	MI Sault Ste. Marie; Harry J. Turner
3	1	220	MI Lincolnton; Laron Nicholson
22	550	428	IA Waterloo; Hawkeye Broadcasting
19	1000	398	MI Marquette; Linda Turner d/b/a Turner Broadcasting & Communications
51	5000	1104	MS Jackson; Linda Turner d/b/a Turner Broadcasting
30	5000	570	SD Sioux Falls; John E. Schols
12	1	444	TX Alpine; Andy L. Young

APPLICATIONS DENIED

J	Burlington; ch. 42; Adelphi Broadcasting Corporation; Divine Ministries Inc. (review and decision)
MA	Jorchester; ch. 48; National Center for Good & Justice.
NC	Greenville; ch. 38; Winard Broadcasting.
WV	Bluefield; ch. 40; Berton & Mowers.
ME	Lewiston; ch. 35; Sebago Broadcasting Company Inc. (Initial decision; Kennebec Valley Television given preference on diversity grounds and for proposing service to more underserved areas).
TX	Lake Dallas; Women's Media Investors of Dallas Ltd. (review Board, reversing initial decision). Channel 55.
TN	Memphis; ch. 50; Burwood Broadcasting of Memphis Inc.; Broadcasters Company of Memphis; (Initial decision; Giles Broadcasting was given preference on integration grounds).
TX	Katy; ch. 51; Louise Brunson; Horizon Community Broadcasters Ltd.; Victory Media Inc. (Initial decision; Johnson Broadcasting Inc. was given preference on integration grounds).
AL	Dothan; ch. 60; Broadcast Associates Inc.
CA	Fort Bragg; ch. 8; Mad River Broadcasting Company Inc.
LA	Baton Rouge; ch. 44; Louisiana SuperCommunications Limited Partnership.
NJ	West Milford; ch. 66; New Jersey Hispanic ETV Corporation Inc.
SC	Charleston; ch. 36; Best Broadcasting; Channel 36 TV Associates; Charleston Communications Ltd.; Daye Corporation; Evelyn Broadcasting Company; Monts & Pritchard Inc.; Non-Profit Television Concepts.
TX	Amarillo; ch. 2; Family Media Inc.
WA	Bellingham; ch. 64; Bellingham TV Associates Ltd.
AL	Opelika; ch. 50; L. Lynn Henley.
IL	Minneapolis; ch. 45; Jean Turner Goins.
MT	Billings; ch. 6; Eagle Communications Inc.
NV	Reno; ch. 11; Reno Eleven Broadcasting.
NC	Morehead City; ch. 3; James E. & Rachel J. McManus.
SC	Myrtle Beach; ch. 32; Sheila Lynn McManus.
OR	Portland; ch. 40; Portland Television Associates Ltd. (supplemental initial decision granting permit to Cascade Video of Oregon; the Review Board had told the

presiding judge to further check Portland Television Associates for misrepresentation and lack of candor).

TX Austin; ch. 54; Capital City Community Interests Inc.; Television 54 Corporation; Capitol Area Broadcasting; ATV Associates Inc.; DB Broadcasting Inc. (Initial decision, granting application of Balcones Broadcasting Ltd. because of integration and coverage proposals.)

CA San Luis Obispo; ch. 33; Pacific Television Inc.; Obispo Television (Initial decision; Community Media Corporation was given preference on integration grounds)

FL Tequesta; ch. 25; G&I Ltd.; Rodriguez-Barnett & Associates Ltd.; Tequesta Television Inc.; Triple J Properties Inc.; Zephyr Broadcasting Corporation. (Initial decision giving preference to Martin Telecommunications Inc. because of its proposal for special programming for the hearing impaired.)

NC Raleigh; ch. 50; The L Broadcasting Company. (FCC Review Board, reversing initial decision. Cotton Broadcasting Company's majority owner, Grant Cotton, had sold his interest in another Raleigh station.)

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

48 2340 1100 NJ Burlington; Brunson Communications

24 5000 294 VA Danville; Haughton Television

35 1000 386 ME Lewiston; Kennebec Valley Television (Initial decision)

55 5000 1251 TX Lake Dallas; Opal Thornton (Review Board decision, reversing initial decision)

51 5000 975 TX Katy; Johnson Broadcasting Inc. (Initial decision)

8 215 2445 CA Fort Bragg; Capital Foothills Broadcasters

44 5000 1975 LA Baton Rouge; Parish Family Television Ltd. (confirming report in 3/86 VUD)

36 5000 2000 SC Charleston; Caro Broadcasting

64 420 2421 WA Bellingham; Prism Broadcasting (confirming report in 8/86 VUD)

2 100 773 TX Amarillo; Amarillo Junior College District

50 1000 477 AL Opelika; Virginia L. & Fred-eric O. Fruits

50 5000 800 TN Memphis; Kyles Broadcasting Ltd. (Initial decision)

CONSTRUCTION PERMIT CANCELLED

PR Humacao; WWSN, ch. 68

CA Brunswick; WHJF, ch. 21

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

52 4385 1068 AL Tusculum; WGEI (from ch. 47, which was recently deleted from the Table of Assignments)

51 201 425 AR Rogers; KFAA

14 5000 874 GA Rome; WZGA (amended)

46 575 1948 PR Cidra; WONT

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

28 4466 2129 CA Oroville; Golden Valley Communications

41 205 297 LA Alexandria; KICA

30 1100 1168 OH Portsmouth; WUXA

58 5000 1437 TX Dallas; KDTX-TV

56 5000 1786 TX Jacksonville; KLTG-TV (KTRG)

6 1000 1920 AZ Kingman; KMOH-TV

14 5000 918 GA Rome; WZGA (unamended)

APPLICATIONS TO CHANGE EXISTING FACILITIES

24 4349 316 AR Fort Smith; KPOM-TV (CP)

33 5000 1713 LA Baton Rouge; WRET (CP)

19 1138 1170 MO Kansas City; KCPT (CP)

17 2500 999 NY Buffalo; WJLB-TV (MP)

6 100 1861 CA Sacramento; KVIE (MP)

64 5000 1027 RI Providence; WACB-TV (CP)

56 2051 1004 FL Melbourne; WAYK (MP)

CHANGES IN EXISTING FACILITIES GRANTED

Ak Anchorage; NAAZ, ch. 7; granted MP to raise ERP to 163 kw max (presently licensed for 105 kw; had been granted STA to operate with 34.9 kw max); 781' AAT/773.3' AG/888.7' ASL (636' higher AAT; 529' higher ASL); TL to Mile 2, Mackinzie Road; coordinates 61°25'22"/149°52'20" (due north, 14.09 miles, from present TL).

WY Casper; KPNB (KXWY until recent change), ch. 20; granted CP to raise ERP from 68 kw max to 1557 kw max; 1750' AAT/150' AG/8190' ASL (20' higher ASL); TL to Casper Mountain, 8 miles SSW of Casper; coordinates 42°44'37"/106°18'31" (0.1 mile due west of present TL, based on coordinates). Change should result in a much larger coverage area and better DX, if there is such a thing in the mountains. At least Casper residents should be able to put away their antennas.

KY Beattyville; WLJC-TV, ch. 65; granted MP to reduce ERP from 93.1 to 92.75 kw max (replacing an outstanding MP to increase ERP to 1603.25 kw max!). Coordinates 37°36'23"/83°41'16" (minor change in coordinates, probably due to refinement); 666' AAT/535' AG/1635' ASL (244' higher AAT/210' higher AG/242' higher ASL).

FL Jacksonville; WJKS, ch. 17; granted CP to raise ERP from 4570 kw max/1450 kw hor to 5000 kw max; 998' AAT/978' AG/1013' ASL (formerly 990' AAT). Don't expect any visible changes in signal strength.

NC Raleigh; WLFL-TV, ch. 22; granted CP to raise ERP from 1415.8 kw max to 5000 kw max; 1675' AAT/1545' AG/2015' ASL (527' higher AAT/488' higher AG and ASL); same TL. Look for significant change in coverage area as well as a better DX target.

OH Sandusky; WGGH-TV, ch. 52; granted MP to raise ERP to 1482 kw max (presently licensed for 49 kw max according to some records, but data base from Larry Fuss has 264 kw); 774' AAT/715' AG/1415' ASL (presently 670' AAT); same TL. Expect big increase in coverage area and better chances at DX.

GA Savannah; WJCL, ch. 22; granted CP to raise ERP from 1910 kw max/891 kw hor to 3830 kw max; 1430' AAT/1435' AG/1453' ASL (43' lower); same TL. Increased ERP should expand coverage area.

MN Thief River Falls; KBRR, ch. 10; granted CP for 130 kw max ERP (reduced from 240 kw max according to Television Factbook; raised from 65 kw according to data base from Larry Fuss. Either way, no earth shaking event); 554' AAT/442' AG/1499' ASL (same TL, but 46' lower AAT, 162' lower AG and 265' lower ASL. Now THAT's earth shaking!).

NJ New Brunswick; WNUB, ch. 58; granted license to cover CP for changes; see 6/86 VUD.

OH Zanesville; WHIZ-TV, ch. 18; granted license to cover CP for changes; see 2/86 VUD.

AR El Dorado; KTV3, ch. 10; granted CP to raise antenna to 2000' AAT/1980' AG/2106' ASL (628' higher ASL and AG). This increased antenna height should make for good results during tropospheric DX.

APPLICATIONS FOR CALL LETTERS: NEW STATIONS

CH CALLS ST CITY/APPLICANT

49 KTFH TX Comroe; San Jacinto Television Corporation

22 KLRB TX Wolfforth; Randy Chandler Ministries

CALL LETTERS GRANTED: NEW STATIONS

46 WNPL-TV FL Naples; WNPL

56 KETK-TV TX Jacksonville; KTRG

49 WTBH FL Tice; Tice Television Company

5 KFEV HI Honolulu; Ka'Ikena Lani TV Corp

43 WBDS MS Wiggins; Sara I. Dunn

CALL LETTER CHANGES GRANTED: EXISTING STATIONS

12 KVIH-TV NM Clovis; KMCC

22 WYOU PA Scranton; WDAU-TV

64 WNAE-TV RI Providence; WSTG

12 WJFW-TV WI Rhineland; WABO-TV

68 WSYT NY Syracuse; WKAF

20 KPNB WY Casper; KXWY-TV

11 KPNR WY Rawlins; KRWY

10 KPNB WY Riverton; KFWY-TV

NEW STATIONS ON THE AIR

CT New London; WTWS, ch. 26+ was seen testing by Roy Barstow on 9/4/86; it began programming on 9/15. 2792 kw max ERP; 1251' AAT/1166' AG/1467' ASL; TL 1.3 miles southeast of New London on Hwy 85, Chesterfield CT; coordinates 41°02'05"/72°11'55"; Address: CTV of Connecticut Inc., 216 Broad Street, New London, CT, 06320. Independent station.

HI Honolulu; KHPD, ch. 32z, went on the air 3/21/1986; 146 kw max ERP; conflicting data on antenna height; TL 1188 Bishop Street, Honolulu; coordinates 21°18'49"/157°51'43" (same as for KDSG-TV, ch. 14); independent station. Address: The Allen Broadcasting Corporation; 1188 Bishop St, Penthouse 1, Honolulu, HI, 96813.

AL Gadsden; TJTP, ch. 60z, went on the air on 7/22/86; 5000 kw max ERP; 1139' AAT/703' AG/2023' ASL; TL 3.9 miles northeast of Springville, AL; coordinates 33°48'53"/86°26'55"; independent station. Address: All American TV Inc., Box 60, Springville AL, 35146.

FL Melbourne; JAYK, ch. 56z, went on the air 5/19/86; 2070 kw max ERP; 1000' AAT/998' AG/1023' ASL; TL 7.5 miles WNW of Fellsmere FL; coordinates 27°49'35"/80°42'20"; independent station. Address: TV56 Ltd., 6525 Babcock St. SE, Palm Bay, FL, 32907.

ME Portland; ch. 51z; reported on the air by Ben Wilkie on 9/14/86; 3011 kw max ERP; 917' AAT/697' AG/1177' ASL; TL 2.5 miles

south of Gray Me; coordinates 43°51'05.5"/70°19'40". Fox Broadcasting affiliate; Address: Portland Broadcasting Inc., 2320 Congress St., Portland OR, 04102.

CA Salinas; KMSB, ch. 67-, reported on the air as an STN affiliate, replacing KCBA, ch. 35, which is now independent. 2306.2 kw max ERP; 2365' AAT/433' AG/3433' ASL; coordinates 36°45'19"/121°30'05". No other information available at this time.

NY Utica; WTUV, ch. 33z, seen testing by Dave Nieman on 9/24/86; 42.5 kw max ERP; 647' AAT/175' AG/1551' ASL; coordinates 43°02'14"/75°26'40". No other information available at this time.

MT Great Falls; KTGF, ch. 16z, went on the air 9/21/86; 2630 kw max ERP; 446' AAT/169' AG/4019' ASL; TL to SE quarter of Section 4, twp 21 N, range 3E, near Great Falls (Those figures relate to the Public Land System of land division); coordinates 47°36'26"/111°21'27"; possible candidate for network affiliation (presently two other stations are sharing all three network programs). Address: Continental Television Network Inc., Box 1219, Great Falls MT, 59401.

PA Erie; WETG, ch. 66+, went on the air on 9/2/1986; 35.81 kw max ERP; 885' AAT/691' AG/1991' ASL; TL 2.25 miles southeast of Bear Sarge on Waterford Pike Road, Erie; coordinates 42°02'31"/80°03'57"; independent station; address: Gannon University Broadcasting, Gannon University, Erie, PA, 16541. (Yes, this is a commercial station).

Two new Canadian stations were reported on the air: CFJP-TV, a French-language station in Montreal, Que., was seen testing by Dave Nieman. Dave also reports a mystery channel 49: CPGS, "Super 49 stereo" probably around Ottawa-Hull, which were coming in at the same time.

Two more stations scheduled to sign on in October: KPST-TV, ch. 66z, Vallejo, CA; and WLAX-TV, ch. 25z, LaCrosse, WI.

FORUM

Roy Barstow of Teaticket MA reports WJTV, ch. 66 in Marlborough MA already operating the Home Shopping Club; WSTG-64 in Providence RI is now WNAC. He logged JPXT, ch. 51 in Portland ME, saying it comes in better than WMEA-TV, ch. 26 in Biddeford ME. (Maybe because WMEA uses only 589 kw ERP, compared with 3011 kw for JPXT).

On WPXT, Ben Wilkie of York ME writes, "Standard independent programming (the first in Maine) featuring new syndicated network shows. Reception here in York is terrible! Distance is only 35 to 40 miles! Maybe it will improve." Let me know. You reported it on the first day. Roy's first logging wasn't until a week later.

Dave Nieman's reports from Akron NY on the Canadian channel 49 read, "...new channel 49 on the air in Quebec. No positive ID or location but they are in and out with Ottawa-Hull channels. Programming is in French; could be a part of the new CFJP-TV, ch. 35 Montreal network? Antenna heading is the same as Ottawa-Hull." A later report says, "I have

call letters on the mystery ch. 49; they are, 'CFGS super 49 stereo' still no location." That sounds like English. I checked in all the news Walter Patton sent me over the past five years and could find no record of an application or a grant for ch. 49 in Quebec. I did find out, however, that there was a channel 49 assignment added to Canada's allotment plan in LaTuque, Quebec, which is in the direction of Ottawa, but farther north. Dave also reports that ch. 68 in Syracuse NY is now WSYT. It was WKAP. "Seen testing on 9/24/86 was WTVU-33 Utica-Rome, NY. Also seen was W59AU Utica, NY (WCNY-24) replacing the old ch. 33 translator."

From Bill Draeb (Keweenaw MI): "About the station guide - I think at this point just an updated list of stations with the usual info would be enough. I think those DXers who want to will make their own maps or whatever as an additional aid. Thompson's idea about small scale maps for .s ch. 2-6 channels is a good one. I would probably extend that to include all VHF channels if I did my own. Individual state maps or area maps (New England, Mid Atlantic, Mid West, etc.) would be good for UHF since there will be more of those stations on that band if there already isn't."

"CBCE-16 must be running 59 kw or whatever it said in the VUD as they were in 5 days in a row the end of last month (August 1986). I noticed one morning that and CKWC-9 & CKNY-10 all had the same TP on it (Multiburst test signal, the same as field #1, line #17 of the VBI for stations with remote control transmitters)."

Methanle Elv (Madison WI) sent in an article from the 9/10/86 Capital Times about the lights on the WMSN-47 tower. "These white pulsars sit atop and at three places along the 1.167-foot broadcasting tower of WMSN-TV Channel 47, the city's new independent television station. Located on state property near the intersection of Mineral Point Road and the Beltline, the tower every couple of seconds emits a flash of light that many area residents find maddening. The disco-like lights are a source of stress, especially after dark, with some folks saying they're losing sleep because of the strobes' power to penetrate even heavy curtains." Channel 47's general manager, Bill Franks, says he isn't too happy about the lights himself. But, he adds, "The strobes were almost a necessity for us' under federal aviation regulations. Because the tower is in the flight path to Middleton's Morey Airport, Franks explains, special precautions must be taken to alert aircraft. Newly constructed broadcast towers in high-risk locations...no longer can use the soft red lights seen on the area's other towers. 'We would much rather have had red lights like everybody else,' says Franks. That not only would have saved the station a lot of grief...but also some \$35,000 in extra expense. A Federal Aviation Administration official in Chicago confirms that Channel 47 was ordered to use the strobe light. But, says airspace specialist Georgine McDonough, 'they were given the option' of using it only during the day, then switching to the standard

red at night. 'That's news to us,' says Franks. He says it's his understanding that 'we don't have the option to switch back, no ifs, ands or buts about it.' If he were to be given a choice, Franks says he's unsure if he'd take advantage of it, since 'the expense would be just horrendous.'"

From Frank Aden Jr. (Boise ID): "I saw in the Ontario OR newspaper that KTVB has applied to renew the license of K13SL in Huntington OR. They listed 1kw as power (different from the TRANSLATOR LPTV GUIDE.)" Probably more different than that. 1kw is probably the power of their final IF output. ERP, which is used in the GUIDE, can be many times greater than that. "Ontario also has a new LPTV on ch. 18 owned by the local cable company. From what I saw they are running some of the shows off the free cable channels such as Tele-Auction. During the station breaks it looks as if they are cutting the sync. Not much of an operation." "On your comments about the Forest Service overstepping the FCC on transmitter site approvals - what you said is exactly how I reacted over 10 years ago when I found out about their authority. What I have been told is since the land is US Forest Service property they can set up whatever criteria they want & at present have stricter rules than the FCC. The interesting point is they do this with full FCC approval. Since the FCC's current policy is to react on interference problems only when a complaint is filed the Forest Service wants to make absolutely sure there won't be any problems."

From John H. Jefferson (Pleasanton CA): I believe you've printed news of KSCB-58 Stockton signing on last April as an indie. They identify closely with Sacramento, and are cosited with the Sacramento stations. KPST-66 Vallejo has been testing, but doesn't expect to be on until December. They're cosited with most of the San Francisco stations on the Awful Tower (Sutro Tower for those who don't mind a metal Godzilla looming over them). And their signal here is just that - awful. The ghosting is horrible, and the audio is very mushy. KBHK-44 is quite usable, but KPST is using only something like 120kw into a high-gain circularly-polarized antenna and it doesn't work well in shadow areas. KOFY-20 is just as bad, presumably for the same reason. And KOFY is actually worse at my parents' in Castro Valley, leading me to doubt that I'm just in a null spot. Actually on the air, sort of, is KSMS-67 Salinas. No trace of them here, but that's no surprise. They're running 1kw into a highly directional antenna under STA to continue SIN programming in Salinas now that KCBA-35 has gone English-language indie. (That and the KSMS s/on happened 9/1) KSMS expects to be a bonafide station around the 1st of the year. Don't think your column had yet noted that KERO-23 Bakersfield is now with CBS. KBAK-29 is still ABC, so one assumes that KGET-17 is NBC. KFTV-21 Hanford, by the way, lists K39AV Bakersfield on its TP. KMYT-49 Visalia, when last heard from, was aiming to be on by the end of the summer. No sign of testing, so they'd better hurry!"

Matt Sittel (Kingsport TN) writes, "KTVS is now (CBS, NBC) with CBS as the primary network. In Wyoming, KXMY-20 in Casper is now KPWB, and KRWY-11 in Rawlins is now KPWA. They are both still (ABC, NBC, CBS)." Matt asks about South Dakota stations, "Anyone know why KDLQ-15 is Rapid City, but 6 in Reliance is also KPLO?" I'm not sure what you mean, but KPLO is ch. 6 in Reliance, KPLO is ch. 3 in Garden City, both of which are satellites of KSLC, ch. 11 in Sioux Falls. Channel 15 in Rapid City is K15AC, a translator that rebroadcasts the signals of KPLO-6. I hope that clears things."

John M. Adams (Seaside OR), wrote on 10/7, "KSCB-22 Salem has changed call letters last week to KWYT". An article from the 10/2/86 Portland Oregonian reports that the call sign stands for Willamette Valley Television. "CKVU, Vancouver is definitely on Ch.10 now according to the most recent Western Washington TV Guide. This station carries many programs from all three major U.S. networks, sometimes at the same time as in the states, sometimes anywhere from an hour to several days before it is shown in the U.S. Other notes from the West Wash. TVG: The network affiliation for KVOS-12, Bellingham is listed as (ind, CBS), which may be just as well. As I've mentioned before, this station airs very little of the network's programming. The only network programs they air: some cartoons on Saturday morning, CBS News Sunday Morning... 60 Minutes...the CBS Sunday Night News, and Cagney and Lacey on Monday Nights. A number of translators are mentioned in the channel listing, though no calls are mentioned: Ch. 2 North Seattle (K02CU, western shore of Lake Washington; Seattle) relaying KSTW-11; other translators all relaying KIRO-7; ch.2 Alki Point (K02BD, Beach Drive area of Seattle); ch.46 Olympia (K46AJ); ch.53, Centralia Chehalis (K53AZ); ch.54 Bremerton (K54AO); ch.61 Port Angeles (K61CG); ch.78, Vashon Island -Des Moines (K78BM, Point Pulley; surrounding western shoreline of Puget Sound); and ch.79 Puyallup (K79BE). (One map I have spells it Point Pully and also calls it Three Tree Point.)"

"KTBW-20 still isn't listed. There is a blurb in the channel listings mentioning Trinity Broadcasting, but no mention of ch. 20." "About Oregon Public Broadcasting's translators, their October program guide lists them again; no mention of ch.62, Seaside. One correction to the October VUD, pg.42, col. 2: I have ch.23 Gogama ON listed as CBLFT-21 (not CBWFT-21). This would seem to make more sense as Gogama is closer to Toronto than Winnipeg (and is also in the same time zone as Toronto.) Checking my records, I have to agree with you. In fact, CBLFT-21 rebroadcasts the signals of CBLFT-3, ch. 9 in Timmins, ONT."

The 9/13/86 San Francisco Chronicle via Jim Korn (San Francisco): "Home Shopping Network, a Florida retailer-by-television that is one of the hottest new stock issues of the year, is coming to the Bay area. The company is buying TV station KPST, Channel 66 in Val-

lejo from...Pan Pacific Television Inc, which is building the station. KPST will be on the air by October 1, reaching 2 million homes in the Bay area." "Home Shopping went public on May 13 at \$13 a share and closed yesterday at \$28 after a 3-for-1 split on Sept. 8."

Randy Miltner (San Jose, CA) clipped this from his TV Guide: "Starting Monday, Sept. 1, the San Francisco Metro Edition will carry program listings for (67), KSMS, a Spanish Independent Network affiliate in Salinas-Monterey. On the same day, KCBA, Ch. 35 in Salinas-Monterey, will switch from Spanish-language to English-language programming." Randy writes, "Sure enough KCBA-35 went independent. I checked out ch.67 and nothing there. I looked for KSMS-67 for three weeks. When I found out a guy I know went to work for KCBA-35, I asked him why KSMS-67 didn't go on the air and he said they did go on but they're running only about 3,000 watts! I live 65 miles from Salinas and I don't even get a flicker that anything's on ch.67 - They must be beaming towards Hawaii! KSMS is listed in TVG and their programming is Spanish and (about 90%) parallels KDTV-14 in San Francisco." "I've also seen KPST-66 in Vallejo testing numerous times. I called them and asked when they would be going on the air and they said sometime in November. KWBB-38 in San Francisco is sorta turning into a normal UHF station. Such great programming as Video Vacations (always on), California Wrestling and old movies. Dr. Gene Scott doesn't come on until 9 pm and is on all-day Sunday, of course. I too vote for a new TV log."

Patrick Durkin Jr. (Woodbury, MN) sent an article from the 10/6/86 Minneapolis Star & Tribune about KTMV-TV, ch. 23, which is in the process of being sold by United Cable Television to Don O'Connor. "The previous owner, United Cable Television, Denver, had operated the UHF station first as Spectrum TV, which broadcast Minnesota Twins and Minnesota North Stars games and adult movies via a scrambled signal. Not a lot of people wanted to pay for a decoder box, and Spectrum went broke last October. The owners unscrambled its signal and broadcast music videos 18 hours a day while the station was for sale." "On Sept. 1 the station began broadcasting in its new format, which leans toward old but popular syndicated sitcoms...." "Programming will change 'dramatically, but gradually,' O'Connor said. 'We'll progressively get newer and newer.' He said Ch.23 will be a bidder when currently popular series are placed in syndication and top theatrical movies become available. Ch.23 will also go after new shows, many more of which are being produced for syndication because of the growing number of strong independent stations, O'Connor said." "His station and others like it cannot compete with the news organizations of established stations, he said, so he will not try. But Ch.23 can do good shows on serious issues...."

Leslie Price (Wilmington NC) sent in an article from the 9/25/86 Wilmington Morning Star, which reported that the News-Press &

Gazette Co. of St. Joseph, MO, agreed to buy WECT, ch. 6 in Wilmington, NC (or at least the majority holdings of the station.) No changes are expected in the station's format or management. "WECT signed on the air on April 9, 1954 as WFMD-TV and broadcast from the third floor of a building at Third and Princess Streets, the current site of United Carolina Bank. It was Wilmington's only television station until WYAY began operating in 1964. WFMD-TV changed its call letters to WECT in 1958, a year after Atlantic Telecasting bought the station. It has been an NBC affiliate since 1955 and employs about 100." Another article from 9/28/86 (same paper?) reports that the recent Tax Bill will make such station sales as WECT common for a short period. It seems that corporate profits from the sale of a television station will go up from 28% to 34%, so now's the time to sell. Also, the new tax bill will eliminate tax write-offs for equipment. TV and radio stations have a comparatively small amount of expenses going to equipment.

Several articles from Paul Gaines (Detroit MI). One from the 8/21/86 Detroit Free Press includes WXYZ-7 and WDIV-4 as among those stations using a satellite news-gathering truck that can transmit signals live to their studios via satellite from virtually anywhere they want. Up to now, stations were limited to live transmissions up to 150 miles during ideal conditions for microwave link to the studio. These trucks beam the signal directly to the satellite, where the studio picks up the signal being transmitted back.

The 7/31/86 Free Press reports that WOR, CNN, CNN Headline News, Cinemax are now scrambling their satellite signals. Joining them will be Disney, ESPN, Nickelodeon, and Playboy. Satellite dish sales dropped 70% since HBO started scrambling.

The 7/20/86 Detroit Free Press talks about WXYZ, ch. 7, no longer owned by ABC. Its new owner, Scripps-Howard, has taken the freedoms to preempt some of its old ABC programming for its own syndicated programs.

Another letter from John Adams, actually earlier than the one I mentioned in the last page. Here he makes some corrections and comments on the LPTV/Translator List and recent columns in the VUD. On the KLTR list: "Two translators in Utah are listed as K05GH. As far as I can determine, these translators are at least 100 miles apart." Probably. I suspect the FCC mistakenly assigned those call letters to two translators by mistake, and they both just happened to be in Utah. On the 1/86 VUD, p. 12 under Dave Nieman: ref. to WETM-TV should have been WENY. Other areas with more than one PBS station: Burlington (VT)-Plattsburgh (NY) have WETK-33 and WCPE-57. There are also other areas in New England served by more than one PBS.

"Seattle-Tacoma WA: KCTS-9 and KTPS-28, KCTS is the main PBS owned, I believe, by the University of Washington. KTPS is owned by the Tacoma Public Schools, and also airs PBS programs. KCPQ-13 operated as a PBS station in the late 70's, owned by the Clover Park School District in Tacoma. Clover Park sold

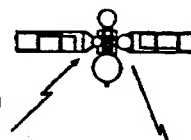
the station in 1980 and it left the air for about a year, returning to the air in 1981 as a commercial station. Also, there was another PBS station in Tacoma (KPTX-56). I'm not exactly sure when they left the air (does anybody know?). Also KTPS was originally on ch. 62, moving to ch.23 in 1982." "February VUD, pg. 9, col. 1: The call letters for ch.16 in Eugene is KMTR (not KMIT). Pg.9, col.2: Exactly what is 'frequency offset keying?' It's a way of identifying in a manner that doesn't affect programming content in any way. The carrier frequency is shifted a few kHz by a morse code type key. I was able to detect this one time while watching W3AB in Philadelphia, with interference from ch. 35 in Richmond, VA. The GOI was creating a particular buzz, based on the difference between the two frequencies. On the hour, I heard a clear morse code message for about two seconds resulting from a shift in the pitch of the buzz. That's about the only way it can be detected without frequency measuring devices. "Pg.10, Col.1: At this writing, KOIN-6 is no longer airing Fuji network's 'From Oregon with Love' (Japanese program). Earlier this year, Fuji was filming the third season of this program." "KCEH-22's religious programs are mainly late morning and late evening (including Dr. Gene Scott nightly 10:30-1am). It was several years ago that they were airing NBC programs rejected by KGW-3. More recently they were airing a CBS soap opera rejected by KOIN-6, but they've since dropped that too."

"May VUD, pgs 23-27: Many of the stations in the ch 2-6 list listed as having more than one network, I believe, may be affiliated with only one network, since their areas are served by translators or are (or will be) served by new stations. Ch. 2: KOTI, Klamath Falls, OR is NBC only. This station is co-owned with, and gets most (if not all) of its programs from KOBI-5 Medford." (SRDS Spot Data book, September 15, 1986, agrees with John)

KTWO, Casper WY is (or was) ABC only, That area is (or was) served by a KFWY-10 Riverton translator." (SRDS still has ABC as primary network, with NBC affiliation) "Ch.3: KIEM, Eureka CA; there has been some confusion about network changes in Eureka. In the June 14, 1986 IRCA DX Monitor, an IRCA member who, until recently, lived in Eureka mentions that KIEM is now NBC only." (SRDS has no data) KTVS, Sterling CO is CBS only. The area has KUSA-9 Denver translators." (KTVS is a satellite of KYCU-5, Cheyenne WY. Both are CBS primarily, with some of the more popular NBC prime time shows, NBC game shows and soaps, according to SRDS) "KRTV, Great Falls, MT is CBS only or will be when the new KTFG-16 comes on the air." (SRDS has KRTV, ch. 3, as both CBS and NBC. My guess is that, as a VHF, it will have first pick as to which network to keep, and will most likely pick the more popular NBC, leaving CBS the choice of having only a few programs on ch. 3, or affiliate withch. 16)

John's letter, and several other letters, will be saved for next month's column.

SATELLITE NEWS



George W. Jensen
4604 Anntana Avenue
Baltimore, Maryland
21206-4220

NEW ON THE AIR

Not Too much here. Another Home Shopping type of service on Spacenet I - XPDR 19 "Shopping Line". WGN has been occasionally testing the Ma/Com encryption system on Galaxy II, XPDR 3. Galaxy II has had many occasional feeds lately, including a lot of instructional types of feeds. Galaxy III seems to have lightened up lately. I have seen reports that Galaxy III is being readied as another Cable Net - like Galaxy I. This would account for the change. I will keep you informed on this s developments warrant. XETV is now being carried on Morelos I XPDR 22.

SATELLITE OF THE MONTH

SPACENET I	120°W	Odds/Horizontal	Evns/Vertical
TRANSPONDER	SERVICES CARRIED		
3	American Exxtasy	Ma/Com encoded	
7	First Run Pay-Per-View	Sony Syatem? encoded	
11	American Hospital Network	Oak/Orion encoded	
15	ACTS		
16	S I N Feeds from Televisa-	Mexico City	
19	Shopping Line		
21	Baptist Television Network	Oak/Orion encoded	
23	misc. feeds		

PLEASE NOTE - I goofed - I promised that this month the satellite of the month would be ANIK 8 and D. Time is short this month and these birds will entail a great deal of time to compile.

Some technical information on Spacenet I - Spacenet I has a total of 18 C-Band transponders and 6 K-Band transponders. The Ku-Band are 72 MHz wide with powers of 16 watts. 6 C-Band transponders are 72 MHz wide with a power of 16 watts. 12 of the C-Band transponders are 36 MHz wide with a power of 8.5 watts. I have noted one Ku-Band feed recently, unfortunately I did not make note of the transponder. I do know that this is not at all common.

Randoms

From Albert S. Lobel of San Diego, California a note about a typo concerning the Morelos report of last month - It is KFMB not KFMD as indicated. He also mentions that KCST may also be carried, but isn't sure. I get the feeling that they mix things up a little on the Morelos Bird.

Of great interest from Greg Monti is a bit of info concerning Ku and C conversions which confirms what I has suspected. There is no industry standard concerning uplink and downlink frequencies. This is one reason why I am usually reluctant to give a channel number for any Ku-Band catches I may have seen. Each satellite will be different and unless I see a transponder number given, I will have doubts.

Many thanks to Tom Yingling for a wealth of information from Radio Sweden International which I hope to use in future columns.

TV Ontario plans to start-up a French Educational Channel utilizing Ku-Band ANIK C-III.

The proposed Pan-Am Sat. will have 6 Ku-Band transponders. The proposed French Videosat III will have some strong footprint over the Eastern U.S.

That's all for this month. I hope to have much more in next months column.

'73's

Format Changes

AR Hot Springs KLAZ 106.3 r, "Z-106"
 CA San Diego KLZZ-FM r, no nonID
 CA Santa Margarita KWSP 106.3 b, "Whisper 106 FM" (same strict, not known if stereo)
 CA Walnut Creek KINQ 92.1 r, "progressive jazz, a mix of modern jazz/fusion and soft-rock vocals, perhaps if would fit best"; affects one booster (listeners)
 CO Gunnison KVLE 102.3 k (affects 3 trans/CO Hayden KKMV 95.9 r (affects 1 translator)
 CT Danbury WDAQ 98.3 m (middle of the road music)
 FL Key West WKRY 93.5 m (not known if \$)
 FL Springfield WVBW 95.9 adds Panama City, y
 FL Vero Beach WCXL 101.7 r, ID with Fort Pierce-Stuart, Stereo
 IL Chicago WBBM-FM 96.3 r, still "B-96," but not strict, often using calls
 WJMK 104.3 r (oldies)
 IL Des Plaines WZCR 106.7 r, "Z-Rock"
 IL Elmhurst WRSE "88.7 r, some Spanish
 IL Kaneoka WKOC "88.7 (from 88.3, \$, g, "a nice alternative right next to WMBI-FM"
 "Heartland Radio" or "89-FM"
 WLRT 92.7 "Lite Rock FM-93," not stereo while testing, but could be stereo by now, r
 IL Morris WCSJ-FM 104.7 rock and country (rk)
 IN Terre Haute WHHD "90.5 r ("hard rock")
 KS Derby WIRZ-FM 95.9 r, ID with Wichita
 KY Hazard WSGS 101.1 k, "This k station plays some of the most obnoxious hillbilly music ever heard on the FM band. The only worthwhile aspect of listening to WSGS might be the Nashville Country Network at night, but only if you don't mind listening to a station in mono. Screaming preachers are heard one hour each morning and one hour each afternoon on a daily basis. This same type of preaching is broadcast all day each Sunday. There is no music. In this DXer's opinion, a powerhouse mono FM station with this format is deserved of only one thing: the AM radio band!"
 LA Laplace WCKW-FM 92.3 r; ID with New Orleans
 MA Boston WZOU 94.5 r, Z-94
 NE Grand Island KSYZ 107.7 r
 NH Nashua WHOB 106.3 r, not known if Stereo
 NJ Atlantic City WAVV 95.1 b ("and some semi-classical")
 NJ Vineland WVL 92.1 back on air, r (light), "92-FM Lite" (strict)
 NM Los Alamos "98.5 r, dual city ID with Albuquerque
 NY Ithaca WHCU-FM 97.3 r, "Lite-97.3" (semi-strict), "Your favorites from the 60s, 70s and 80s" (affects one translator)
 NY Rochester WEZO 101.3 m
 NY Utica WUHY "89.5 c, "simulcasts with WCNY-FM Syracuse, as does WJNY Water-town"
 NC Elizabeth City WMYK 93.7 s, "Rhythm of the City," Tower near Moyock NC. "Their new 1,000' tower lies within the shadow of the North Carolina-Virginia state line... with line-of-sight to Chesapeake and downtown Norfolk-Virginia Beach. The terrain is all flat coastal plain." IDs with Virginia Beach-Hampton VA.
 NC High Point WQJY 100.3 m, music "parallel to WYLT 96.1" Raleigh
 NC Newport WZYC 103.3 r, mono
 NC Raleigh WYLT 96.1 m
 NC Winston-Salem WSNB "89.3 p (progressive r)
 OH Kettering WVUD 98.9 r
 OH Upper Sandusky WYNT 95.9 r
 OR Medford KSLC "90.3 r
 OR Medford KBOY-FM 95.7 r, affects 2 translators
 PA Greencastle WKSL 94.3 k (country and

middle of the road)
 PA Greenville WEXC 107.1 r (rock)
 PA Palmyra WCTX 92.1 r (old rock), "X-92 Memories" (not strict)
 SC Greenville WPLS "98.5 p
 TX Brenham KWHI-FM 106.3 k (country)
 TX Cotulla KDCY 97.7, Spanish, k
 TX Dallas KZPS 92.5 rock and jazz, rj
 TX Kennedy KTRN 92.1 k
 TX Tye KTLR 98.3 j, mono
 UT Ogden KWCR "88.1 r
 VA Fredericksburg WWWW "88.7 gospel/
 VA Luray WQAA 103.9 gk (gospel, country)
 VT Burlington WEZF 92.9 m
 WA Hoquiam KGHQ-FM 95.3 gospel and rock, r
 WA Spokane KQSP 98.9 g, still mono
 WV Berkeley Springs WCST-FM 93.5 k
 WV Institute WEYS "90.9 soul and jazz, sj
 WI New Richmond WIXK-FM 107.1 k (very mild country, almost m)
 WI Shawano WOWN 98.3 m
 WI Red Deer CFRG 98.9 r (rock)
 ON Parry Sound 103.3 CFBO, or is it CKLB, or is it CFPL? All three sets of calls for this station have been sent in, and until proven otherwise I'll dub it CFBO. Its format is m, not known if \$, and its slogan is (or was) "LP-FM."

Off Air, Deleted?

NY Alfred WETD "90.9
 NY Brockport WBKT "93.3—neither of these two stations heard while driving through

Deletions

AR Arkadelphia KZ28BT 93.5
 IA Fort Madison K252BU 98.3
 IA Ottumwa K289CM 101.7
 NE Columbus K248BU 97.7
 NE Holdrege K276CC 103.1
 NE North Platte K269CN 101.7
 NE Superior K269CU 107.1
 Above all dismissed for denial of application for extension of time to construct. Status of Beatrice NE K285CB 104.9 not known—another cp belonging to the same owner.

SC Services, 67 and 92 kHz

AR Conway KMJX 105.1 Multicomm, tY, probably at 92 kHz, although reporter claims it is more toward 75 kHz
 AR Jacksonville KEZQ 100.3 tX data, 67 kHz
 AR Jonesboro KJBR 101.9 tU data, 92 kHz (high pitch tones, replacing voice paging) KEIN 107.9 tZ frequency shift data, 67 kHz; tM (easy listening), 92 kHz
 AR Little Rock KKYK 103.7 tPaging, 92 kHz (tM remains on 67 kHz)
 AR Mountain View KWOC 103.3 tPaging, 67 kHz, no 92 kHz tX any more
 CT Hartford WDRG-FM 102.9 tG (Dr. Scott, University Network), 92 kHz
 GA Atlanta WARM-FM 99.7 no 67 kHz; 92 kHz tZ data
 IN Fort Wayne WBNI "89.1 has tR 67 kHz, keeps carrier on all night even without main channel programming because of the SCA
 IA Sioux City KGLI 95.5 tZ
 KS Topeka WIBW-FM 97.3 tZ
 MN East Grand Forks KZLT 104.3 tU, 92 kHz
 MN Fergus Falls KBRF-FM 103.3 tX, Northern Data Communications, Fargo
 MN Little Falls WYRQ 92.1 tPaging, "WYRQ's Alert Paging"

MN Montevideo KMGH 105.5 tU, "TFT model 730A" remote control
 MN Moorhead KVOX-FM 99.9 tPaging, 67 kHz (had data)
 MN North Mankato KDOG 96.7 tU, 67 kHz
 MN Redwood Falls KLGR-FM 97.7 tS (Martini Unit for special events)
 MN St. Cloud KCLD-FM 104.7 no 92 kHz paging
 MN Willmar KQIC 102.5 92 kHz tX (Market Quoters); retains Muzak 67 kHz/MS Artesia WZIX 100.1 tX, 92 kHz
 MS Kosciusko WBKJ 105.1 tP, 67 kHz, apparently testing for
 MS Oxford WWSM 97.5 tU telemetry, 67 kHz
 MO Kennett KTMO 98.9 tZ data
 NJ Newark WFME 94.7 data 67 kHz, replacing Spanish
 WNWK 105.9 its second ethnic SCA, at 67 kHz, having problems with very low modulation
 NJ New Brunswick WMGQ 98.3 tC (relays AM station WCTC 1450), 67 kHz
 NJ Trenton WPST 97.5 no ethnic; relays their AM, WHWH 1350, 67 kHz
 WKXW 101.5 tY 67 kHz, slow speed data
 NJ Zarephath WAWZ "99.1 ethnic (Italian), 67 kHz
 NY New York WNYC-FM "93.9 no ethnic SCA; open carrier only, 67 kHz
 WYNY 97.1 list 92 kHz as tE, not tM for its Chinese music (67 kHz continues tM)
 WBAI "99.5 has two data SCAs, list 67 and 92 kHz both tX
 WCBF-FM 101.1 has data, 67 and 92 kHz, both tX
 PA Jenkintown WIBF-FM 103.9 ethnic (unidentified oriental), 67 kHz, tX, 92 kHz
 PA Philadelphia WDBB 96.5 tY 92 kHz (slow speed data; retains tM 67 kHz)
 SC Greenville WMOU-FM 94.5 92 kHz tX (67 kHz tM retained)
 TN Jackson WRJX 103.1 no SCA; apparently dropped all SCA activity in Sept.
 TN Memphis WKNO-FM "91.1 tR 92 kHz (various talk, including tTB, remains on 67 kHz; sometimes even relaying area AM stations)
 WRNB 101.1 tU 92 kHz (had paging; now only high-pitch tone; 67 kHz SCA abandoned)
 WBRG 102.7 tM 92 kHz (PRN remains on 67 kHz); now using, on main carrier, strict "The Eagle-102.7, with legal ID made up of the letters W-E-G-R which have occurred in AOR songs of the past, all spliced together. Different."
 TN Milan WYNU 92.3 paging 92 kHz (music remains on 67)
 ON Kitchener CFCA 105.3 tR (foreground music) 92 kHz (music 67 kHz); IDs on main channel as Kitchener-Waterloo-Cambridge

Contributors, Continued from Rear of Column:
 And Baruch L. Vine, newsletter inventor or investor, somewhere in America's hinterlands. Good listening!

Readers' Reports and Field News

Two readers sent maps showing where Micanopy FL is, so the dot for WGLV can be placed closer to Gainesville, "just east of I-75, 12 miles NE of Williston and 11 miles SSE of Gainesville. Population is 737," says Nick Lombardi. John Combs also accurately placed Micanopy on the map, and adds, "Micanopy is a very small place, so not surprising you've not seen it on maps. It is as nice little historical town and a mecca for artist-types; i.e., lots of potters, sculptors, photogs, etc. base themselves there."
 Nick, who finds my new Olde English type font "interesting to look at" but "best reserved for Christmas cards (it's difficult to read)," contacted WZLI Toccoa GA and found out from Alan Brooks, c.e., what their new height is (see "facilities changes" above). Brooks says "the increased tower height was in response to recent FCC rules which require stations to 'use or lose' certain privileges. To maintain our 100,000 watt, Class C status, we had to raise our tower height. It was decided to move the FM facility to the Stony Mountain area in Rabun county to meet the requirements set forth by the FCC." I checked, and at 48 miles' primary, that would not give WZLI rim-shot coverage into Atlanta. Now, if they had moved their tower to Gainesville... (and with WYAY 106.7 Gainesville transmitting closer to Atlanta, that might have been possible!)

Both "USA Today" and "SCA: Radio Subcarrier Report" newsletter had articles on the sale of Muzak to Marshall Field V of Chicago. Background music subscribers have remained at 135,000 since 1981, and foreground music has scooped in an additional 4,000 subscribers in the limited areas in which it is available. Field also brings with him Yesco, Seattle background music supplier, in certain markets there is overlap, and a question is which will survive, Muzak's foreground "FM-One," or Yesco's foreground "Studio 1000," and whether the firm will continue to be based in New York or move to Seattle. One inside observer, quoted in the newsletter says, "The merger has totally destabilized the market. AEI (Audio Environments, Inc.) and Seeburg should be going nuts about now." AEI, also based in Seattle, is a foreground music supplier, and speculation is that it may get into background music to give the expanded Muzak company more competition.

Well-known DXpert Gerry Dexter has written a trio of books that may interest WFTDAers. "Shortwave Radio Listening with the Experts" is a 520-page volume covering many aspects of DXing, including FM. I happen to have authored the FM chapter, and the price of that book is \$22.95. The book covers public service band and utilities DXing, but unfortunately not TV DXing. It does, however, discuss computers and DXing.
 "Secrets of Successful QSLing" is a book showing how to elicit reception reports from stations, and is \$9.95. His newest book is "Muzzled Media—How to Get the News You're Missing," with publication expected by the end of this year. This book covers international radio from the aspect of newscasting. It can be ordered at \$8.95. Send \$1 for shipping for each book, and order direct from Tiare Publications, PO Box 493, Lake Geneva WI 53147.

Late word is that I am scheduled to be on ABC Talknet (principally WABC 770 New York) 3 a. m. Eastern Time, the Saturday morning of Jan. 10. Besides in-studio guest WFTDAer Paul Swearingen, the other phone-in guest is expected to be Bob Grove of "Monitoring Times." This program should be more FM and VHF oriented than the one a year earlier. And I want to thank the ANARC executive committee for naming me 1986 "specialty band DXer of the year." A nice framed award came via UPS.

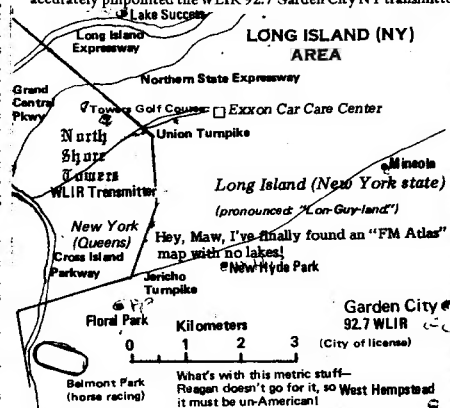
One Husein A. Wilken did a comparison of my "FM Atlas" with the National Radio Club's Domestic Log for AM stations. He'd like to see a 3-volume compilation, one of AM, one of FM and one of TV stations. He compares what is better about my book and what is better about the NRC's. He likes the grouping of stations under states, the maps ("one who is on a trip can use it to find out what stations broadcast in the next town that one will pass through rather than wasting one's time trying to receive stations that are located too far away to be received"), and the nonIDs. What he likes about the NRC listing is its giving weekly broadcast schedules, call letters in alphabetic order, and mailing addresses.

Former WFTDA columnist Doug Dornbos writes to say that Fincio/Sonim are gone, with Antennacraft having bought some of their manufacturing facilities, "notably the UHF parabolics." A blind customer of mine, who has a modified G-E Superadio with SCSounds, Joan Drezhlo, says "I hope you can continue providing what must be the only way for private people to listen to subcarriers. I am always just a bit afraid the FCC will try to

shut you down. It is even illegal for us to have these tunable sets (7).

Detroit's Mike Galloway heard early reports about WIOG 106.3 Saginaw increasing power. As you can see, in "Call Letters Changes" above, WIOG and WGER are trading channels, with beautiful music being relegated to Class A status. Mike's DXing efforts are limited, saying he only once heard WLHI 95.7 Grand Rapids "when a local Detroit station, WCZY 95.5 went off the air for technical adjustments for about an hour."

My other plea for map help was answered by Eric Fader, who sent a nice map showing the eastern boundary area of NYC. He accurately pinpointed the WLIR 92.7 Garden City NY transmitter



as being inside Queens. "It's atop one of the buildings of North Shore Towers (not Tower), an expensive (\$500,000 for a 2-bedroom) condominium apartment complex."

Eric says WQHT 103.5 Lake Success NY's format is identical to WQHT 105.1 Coral Gables FL, and just like the old-style disco WKUT 92.3 used to have. Ralph Strobel says W208AA "89.5 Richmond IN, which is supposed to pick up WCDR "90.3 Cedarville OH, sometimes retransmits WBCL Fort Wayne, also on "90.3. This happens when WCDR leaves the air, and Ralph wonders if it is legal. I would say not, unless the translator has special permission to do this. I could see this happening, since WCDR and WBCL have similar formats. And Ralph has noticed WDHG on "91.1 keeping its carrier on 24 hours a day, which would be illegal, unless WDHG supplies hourly identification announcements. Via a tip he heard KGNZ "88.1 Abilene TX pleading for donations. "Said if you couldn't send money, please pray for them. Before their power increase to 75,000 watts, the electrical bill used to be \$300 a month. Now it is \$1500 per month..." The information on the new Mexican FM station in Sabinas Hidalgo was from Ralph, via Robert Grant, who "did a fine job translating—and you will want to add this to the FM Atlas." This translation service Robert provided is appreciated by Ralph and myself, and I am sure ultimately by other DXers. It is excellent when a DXer who knows another language will translate a tape like Robert (did) Ralph also mentioned he received excellent help from Jeff Kadet in figuring out what some of his Mexican catches were. My favorite Mexican to DX is XET-FM 94.1 Monterrey, NL, which gives a full legal ID between every song, and which I heard while in Monterrey and several times via skip when I lived in NE.

Roger Winsor sent a nice note, "You do a great job... and the WFTDA is indebted to you," along with station news from his area. He feels that I should not lump all religious stations under the "g" sign, saying most are "Jesus-loving stations and not gospel," feeling Ch. for "Christian" is the way to go. He points out that I have multiple symbols for rock stations, and should give more symbols to Christianity. A good thought! Roger, but I hate to invent a new symbol, especially one involving two characters. And to decide which stations conduct doctrinally "correct" Christianity can get a person into a whole new realm of controversy. One of our local stations (WVJ-CAI) calls its format "Inspirational," so possibly a "g" and an "i" could be devised to separate two main religious formats—if my four categories for radio format taxonomy orderings could be adhered to (see Sept. VUD, p. 45). And to have a "g" format a station does not have to broadcast religious music—see WSGS Hazard KY, format news above. Roger says he went through the

"86 "Broadcasting Yearbook," and sent about 10 typewritten pages of corrections and errors to them, which were in the by-frequency part on AM. "I received a nice three-page letter thanking me for the information. In his letter he mentioned they were going to include FM power/AAT information in the by-frequency section."

WMKR 106.5 Baltimore has had a poor signal lately, says Joe Fels, and will probably replace their antenna soon. Watch for a facilities' improvement there. An interesting question is asked by Richard Keese. "Is WFYN Key West FL really going to move to 92.3? Seems unlikely with WCMQ in Hialeah on that frequency!" I think so, because WCMQ is a C-1 or C-2 station, not a full C, and 139 miles spacing need be provided between the two. But I see no advantage in it to WFYN, unless WFYN has to move to enable some other station to squeeze in. He also asks about CIFM 97.5 Williams Lake BC, now that CFFM Kamloops is CIFM? I will have to check, but suspect CFFM Williams Lake will adopt a numeral, like CIFM-9, or maybe you could check to see where the numbers go for CIFM stations and which one would most likely be assigned to Williams Lake. I assume they have the same owner.

Want to know bout data broadcasting and optical storage technologies? FM-SCA is partly included in the former, and if you want the complete low-downs for \$1250 you can have a copy of the study, "The Market for Data Broadcasting Services," from Robert R. Nathan Associates, 1301 Pennsylvania Ave., N.W., Washington DC 20004. If that is not good enough, how about an oral presentation for \$1850?

When CKLN #88.1 Toronto increased power July 4, "signal in city jumped by 45 dB. CIUT 89.5 Toronto target date Nov. 1," and new station CIRV 88.7 Toronto, mono, ethnic, "calls always given; dominant on 88.7 west towards Oakville ON, then WBFO dominant. . . I like your idea of only listing nonDJs given without calls. It sure will take a while to sort them all out, eh?" William R. Hepburn says the CKO stations, mentioned in Sept. VUUD, that get on the air as a condition of their license renewal are:

- 99.1 Winnipeg (target date 1985)
- 94.5 Regina (target date 1989)
- 99.7 Saint John (target date 1991)
- 101.9 St. John's (target date 1991)

Longtime radio amateur and DXer Al Ellis comments on getting some of the area's low-power college stations in southern Ontario. "CHRU is almost impossible to get, with adjacent channel stations. . . I do believe they are stereo but use all types of music. Hamilton's CPMU McMaster University, CPMU Royal University, Guelph, both on the same channel, can be easily heard with the present beam, as Guelph is north and Hamilton east by south. Due north is CKWR, an unusual set-up, in Waterloo. They call themselves World Radio, as they have no direct as yet connection to Waterloo or Kitchener University." So let us as nonDJs, the following:

..... ON Kitchener CKWR #98.7 World Radio. I asked Gus Mancuso to see if he could tune in WJHU #88.1 Baltimore, but he cannot, because of a local, which I suspect is WMUC College Park MD. He thinks this dial-crowding is responsible for WJTM #88.1 Frederick having to use a directional antenna, and wants to know more about DAs. I don't recall the exact rule, and do not have the rules here, but doubt that an FM station can null their power more than about 10 dB in any one direction. Thus, if you have 50,000 watts on the average, you could cut that down to no less than 5,000 in one direction. I wonder if WJHU is on the air, and at what power, and if in stereo. Seems like they'd have to protect WMUC with a directional antenna.

A reader in eastern MD has picked up WNOR-FM's translator in Kitty Hawk NC. He's received it on 107.1, but it has a permit to go to 103.9. "I am surprised that in nearby Kitty Hawk, literally a hop and skip from downtown Norfolk, they would need a translator for that area. WNOR-FM [Norfolk] comes in like a 'brick' up here in this area, almost 200 miles away." Another translator, W261AX #100.1 Forty Fort PA, now on the air.

Robert Baker sent an article mentioning that KRIT 96.9 Clarion IA has received a building permit to construct a 635' tower in Beaver Township, southeast Humboldt County. This would give KRIT a better signal into Humboldt and Fort Dodge. I have seen nothing from the FCC on this yet.

An article on how CBS' FMX system might be applied to British broadcasting was sent by Greg Monti. The article takes a very cautionary approach (isn't that the way Britons are?). "As Dolby La's found out when they tested Dolby FM 10 years ago

there are some pretty odd receivers in use out there. If even a couple of listeners complain on a small test, that will translate into vociferous howls when the system is widely adopted in unfavourable conditions. Haven't CBS learnt anything from SQ and CKJ?" Since last month, the station involved in the FMX testing in the U.S. has been identified in the media as WFMT 98.7 Chicago, with the Chicago papers apparently blasting the system, or quoting WFMT engineers who want nothing further to do with FMX.

Howard L. Enstrom, the fellow who's selling FM translators to church groups all over, responds to the article I wrote, "How I built an FM translator—I even thought it was legal." The article reminded him of a "saying in the military. . . If you ask, the answer is no. If you go ahead, nobody cares." His translator newsletter speaks of "dual-polarized (dp)" radiation, and how FM translators can legally send out 10 watts in the horizontal plane and 10 watts in the vertical plane for more intensive coverage of the local area. This is something the regular FM stations have known since 1965, and it's nice to see FM translator technology is catching up! He also promotes the "Fai Atlas," calling it a "dandy reference manual." His newsletter, incidentally, is free, so if you want to be on his mailing list write PO Box 294188, Boca Raton ("Mouth of the Rat") FL 33429-4188. Maybe his newsletter will tell you why his town has that name!

Latest I have heard on the Electronic Communications Privacy Act is a Sept. 12 letter from Rep. James Oberstar (D-MN): "The subject matters which are covered in this legislation are as diverse as they are complex. For example, it is clear that the users of cellular telephones desire to have their communications protected against interception. At the same time, hobbyists and others who use and operate radio systems want to be able to freely use the radio spectrum. The use of scanners and other devices inevitably and unavoidably results in cellular phone call interceptions. I continue to question the impact such regulation would have on the ability of individuals to enjoy free access to public radio frequencies. Identical legislation awaits Senate action. At this point, it is unlikely that any action will be taken before the Congress adjourns in early October."

Keith Pugh sent an article on how WOOG #90.1 Huntsville has a program, "Huntsville Alive," involving a wide variety of people on subjects of interest to Christians, such as AIDS, pornography, home schooling and inner healing. The show is heard Sundays 8:30-9 p.m. WOOG now claims a 65-70 mile radius with its new 25-kw power. Eric Buenneman was in downtown Chicago, and found that WMBI-FM, with its transmitter in suburban Addison, was swamped by the closely transmitter of WJZZ 94.7. He got much better reception from WJCH #91.9 Joliet, WJZZ 95.1 Kankakee, WHPB-FM 99.9 Benton Harbor MI and WNSN 101.5 South Bend. He must have been in a bad null area for WMBI-FM!

Michael Miranda received his first FM radio in 1966, when he lived in Miami. He notes how much FM has changed there since:

Frequency	Was	Is
81.3	WTRF-FM	WLRN-FM
83.1	WKAT-FM	WTMI
83.9	WGOS	WLVE
94.9	WAEZ	WINZ-FM
98.3	WGSS-FM	WPOW (just changed from WCIX)
97.3	WIOD-FM	WGTH (just changed from WAIA)
98.1	WEDR	WEDR (the only one that hasn't changed!)
98.9	WWOG	WKGS
100.7	WMJR	WHYI
101.5	WWPB	WLYF
102.5	WWIL	WSHE
105.1	WVCG-FM	WHOT
105.9	WFLM	WAXY
106.7	WFTL-FM	WJQY

"Most of these stations have changed calls more than once. . . Hope this helps your fine publication. Please go easy on the AM radio stations!"

Mike is currently a weekend announcer at WBT (AM) Charlotte, and enjoys listening to both bands, saying "AM radio these days offers more variety and is the only place to find true personality radio. Today's tight FM formats have ruined the band for me. This is from someone who has been on the 'radio' of many stations."

Glen Hausser sent a copy of his "Review of International Broadcasting," Aug. 21 issue, containing a rambling, but provocative poem by Loren Cox, entitled "Satellite Watch." In

Instead of a wheel of the commonwealth?
WHO WOULD GRANT US RIGHT OR OPPORTUNITY?
to see / to hear by electronic means even the most
vital information only by proffering what THEY determine to be
appropriate payment — "metered information" —
to control thy "fount" O nourishing waters;
to control thy shape & thy flow that no man shall know
except as "they" determine he shall
No "freedom of speech" except there be auditors of that speech
— not significantly possible in the "electronic age" —
without freedom of access to — both talk on and listen to —
the "airwaves" . . .

Yes, "radio hobbyists in this country have been 'intercepting' 'not intended for broadcast' transmissions from terrestrial transmitters for years and years to no one's detriment. . . The radio hobbyist/DXer meets the challenge of trying to see/hear everything that is on the airwaves—JUST BECAUSE IT'S THERE!" The article goes on, but if you want to subscribe to RIB the rates are \$20 in the U.S., samples \$1.50 to box 490756 Fort Lauderdale FL 33349. Glenn's show, The World of Radio, can be heard on WRNO shortwave at times like 8 a.m. Central Sundays on 9715 kHz and 10 p.m. Friday on 6185 kHz.

Three people sent the picture story on WKPT AM using the SAP on UHF television to transmit the former easy listening format of WTFM (FM) to an out-of-town audience in high fidelity. The picture was in last month's column, and appears in a prototype issue of my "PhMedia" newsletter. If you have not received the newsletter by early December, send me an SASE and I'll include the prototype and subscribing information. One of the people who sent the article is Matt Sirtel, who says WMMT #88.7 Whitesburg KY does not seem to ID at all. "They have a strange format. They played Rick James, then 'Swing Low, Sweet Chariot.' Weird. The DJs cannot talk, forget to turn phonograph on, and have no news, weather or calls. I caught an ID once in about ten tries." Matt sent an article on ratings in Johnson City-Kingsport-Bristol, showing WJCT (FM) at 19.1, WKXQ (FM) 18.9, WTFM (FM) 13.4, WJCV 5.6, WZKY (FM) 5.4, WUSJ AM and FM, each 3.1.

Updates from CA from John Jefferson: KYA 93.3 San Francisco, due to loss of old tower, on an inferior site at Mt. San Bruno, resulting in higher ERP and possible "better ship target." K237CA Salinas on 95.3 and KATD 95.3 Los Gatos angling over interference, but it appears KATD has lost and is assigned to coexisting. KNTD 95.9 Livingston operating at low power; possibly resolved by now. KQYZ 104.9 Lemoore and its AM affiliate defunct. The farmer who owned the transmitter site evicted the station for nonpayment of rent, and both studio (a trailer) and tower are gone. "It doesn't sound like KQYZ will be back for some while; when it does reappear, likely the owners will try to locate as close to Hanford-Fulace-Viala, or perhaps Fresno, as possible. Lemoore seems not to be a viable radio town on its own." Up on air in Oct. was KPRX 89.1 Bakersfield, possibly a station that will duplicate KVPF 89.3 Fresno. And John confirms, via ship, that KBLI 99.5 Helena is on that frequency.

Phil Boersma read my article promoting AM's extinction in "Radio World," and says "I think you're right on!" He sent some items from WKJR-WQWQ old files. One concerned FixTune Electronics table radios that got only one FM station. It might have been a good idea to "get your favorite station," but what happens when that "favorite station" changes formats? Another item, probably from about 1971, was NAFMB's Project Auto Radio, with FM broadcasters able to buy an FM auto converter as low as \$22.95 in 24 quantity, or \$19.95 for over 50 quantity. Radio receivers of all types have not gone up in price, despite inflation.

Pete Nolan's "M Street Journal" reports that the NAB has filed a petition with the FCC to delay or halt the scheduled March 1, 1987, automatic downgrading of FM stations to lower classifications under Docket 80-90. The NAB cited the large number of stations so far unable to have new facilities approved, and evidence that the increased diversity of licensees desired by the FCC is already being met through the new stations being applied for. Naturally, the NAB wants to hold down competition and prevent their member stations from having to increase power/height, even if the public interest would be better served thereby. And Pete's paper says "A newly released U.S. Commerce Department study suggests that very few people listen to clear channel AM stations outside their market area."

The study, conducted in rural eastern North Carolina, found only 1.3% of those questioned listened to AM stations more than 100 miles away, with FM stations—even Class C FMs more than 100 miles distant—overwhelmingly preferred. There could be more FM DXing going on out there than we realize!

More on the ECFA: From Marc Maurer, new president of the National Federation of the Blind, who writes: "I am in sympathy with the things you say regarding the need to insure freedom of communications. I trust the restrictions you described will not be made law. If they are, I see no way of enforcing it."

Finally, there has been opposition to my anti-AM article in the form of letters to the editor of "Radio World." Writes Jon P. Grosjean, S. Woodstock CT, "I don't think AM has to die out, because it has some inherent advantages which FM does not. In spite of what Mr. Elving says, DXing on FM is virtually nonexistent, and if you get tired of easy listening or rock music, it is time to try AM again." Bob Brooks, ast. PD, KJR AM-stereo, Seattle: "Goodness! With a mere stroke of the pen, Mr. Elving seems to have eliminated the entire AM band. Elving writes: 'Americans will not go back to AM.' Here in Seattle, those Americans have yet to leave. The two top-rated stations are AM, and one of those is a music-based format. . . Just as FMX holds promise for a new lease on life for disgruntled FM-stereo listeners, AM-stereo listeners can also look to improvements from advancing technology. Impulse noise reduction, dynamic bandwidth control and synchronous detectors all loom on the high-fidelity AM horizon. . . Owing to some grotesque FM audio processing, the AM stereo stations frequently sound better than their FM brethren. . . If Mr. Elving's highly touted crystal ball doesn't get a clear signal on AM's future, not to worry, sir—it's probably just a little FM multipath!"

"While it's true that AM transmissions fade under bridges and power lines, there are similar quibbles in FM reception. Those VHF signals are fraught with picket fencing, multipath and shadow areas. All are around to haunt the mobile FM listener. As the RF spectrum becomes increasingly crowded, let's also remember that AM transmissions require only a tiny fraction of the bandwidth required by commercial FM broadcasts. Perhaps someone would also care to write a few paragraphs on the potential harm of nonionizing radiation from VHF-FM transmissions as opposed to those emanating from AM broadcast towers."

Contributors

Robert Baker, Humboldt IA; Philip Boersma, Spring Lake MI; Eric S. Buenneman, Hazelwood MO; John F. Comb, Jacksonville FL; Tom Cornell, Greentown IN; Gerry L. Dexter, Lake Geneva WI; F. S. Dombrowski, Jr., one of the former chief executives of the WFTDA who returned from a trip to western Canada, where he found telecommunications museums in Calgary and Edmonton. Ferdie still lives in Milwaukee WI.

Also: Doug Dornbos, Grand Rapids MI; Joan Reeds Drezhlo, Troy NY; Albert H. Ellis, Brantford ON; Howard L. Enstrom, Boca Raton FL; Eric Fader, New York NY; Joseph Fels, South Plainfield NJ; Mike Galloway, Detroit MI; Glenn Hauser, Fort Lauderdale FL; William R. Hepburn, now living in Thunder Bay ON; John M. Jefferson, Pleasanton CA; Richard Josephson, St. Cloud State University, St. Cloud MN (who did a mail survey of MN FM stations on their use of CA—data which is shared above under "SCServes");

Also: Nick Lombardi, Atlanta GA; Gus Mancuso, Hyattsville MD; Marc Maurer, President, National Federation of the Blind, Baltimore MD; Tim McVey, Bolivar TN; Michael Miranda, Charlotte NC; Greg Monti, Arlington VA; Robert R. Nathan, Washington DC; David J. Nieman, Akron NY; Peter A. Nolan, Houston TX; James L. Oberstar, Washington DC; Norval Pagenhardt, Scotland MD; Richard Perrin, Wells ME; Keith Pugh, New Hope AL; Richard Reese, Jersey Shore PA; Ron Seymour, Pittsburgh PA; M. C. Sittel, Kingsport TN; Ralph Strobel, Muncie IN; Peter V. Taylor, San Francisco CA (who shared a coverage map by KCDS #89.9 Angwin CA showing their translators extending north toward Eureka and east to Reno NV).

Also: Stephen Tuura, now of Thorold ON (atop the Niagara escarpment, where both Buffalo and Toronto stations come in well), Hudson A. Willen, Oswego NY, and Roger Winsor, Champaign IL.